Date-Time	19-1 Casing	19-1 Tubing	19-3 Casing	19-3 Tubing	19-2 Injection Flowrate
units	psi	psi	psi	psi	Mscf/bbl.
5/1/2021	897.4883	101.3933	617.1967	113.8067	103.4884491
5/1/2021	897.4373	102.8933	617.4033	117.0817	103.6539001
5/1/2021	897.7577	101.4117	616.8033	187.1867	104.4355316
5/1/2021	897.1558	101.0067	615.7133	154.2217	104.5085983
5/1/2021	897.205	102.0942	615.5933	128.21	103.1438904
5/1/2021	897.2117	101.425	615.0117	110.8942	103.8069534
5/1/2021	897.8933	102.0817	616.075	117.8567	103.2017822
5/1/2021	897.2039	102.1183	615.9034	118.1883	104.0669632
5/1/2021	897.7408	102.4817	616.2883	110.5367	104.2817001
5/1/2021	897.495	102.3622	617.2034	109.1117	104.1765823
5/1/2021	897.3525	102.8442	617.2034	107.2367	103.6196594
5/1/2021	897.2983	102.5067	617.59	112.7067	103.4947281
5/1/2021	897.8978	102.0017	617.2084	112.4117	104.4644775
5/1/2021	896.2728	102.2257	616.7816	164.9343	104.3798904
5/1/2021	896.8183	102.0567	616.0633	136.68	104.4758911
5/1/2021	896.8367	101.6017	615.6725	112.2017	104.3387375
5/1/2021	898.2867	101.4183	614.8066	123.5717	103.7173233
5/1/2021	897.8884	101.4339	615.6972	115.73	103.6355972
5/1/2021	897.4133	101.9717	615.3675	111.3275	104.1108322
5/1/2021	897.8572	102.045	616.4817	112.365	103.5273666
5/1/2021	897.0367	101.7633	616.8367	108.1283	102.6474762
5/1/2021	897.7717	101.77	616.8367	115.4683	99.55301666
5/1/2021	898.1533	101.4733	616.2633	111.3033	98.11582947
5/1/2021	897.6984	101.0733	616.9211	157.345	95.75807953
5/1/2021	897.271	100.9761	615.6275	142.8033	93.56126404
5/1/2021	897.3284	101.2717	614.8367	116.1033	93.28574371
5/1/2021	897.255	101.525	614.9467	111.875	93.28574371
5/1/2021	896.6017	99.96875	615.5633	109.8033	
5/1/2021	897.3775	100.8775	615.655	110.0533	
5/1/2021	897.4725	101.3633	616.7542	113.5983	0
5/1/2021	896.8947	101.6017	617.1633	112.8467	0
5/1/2021	898.1533	101.1467	617.455	113.5767	0
5/1/2021	897.445	100.3492	617.4367	109.6717	0
5/1/2021	898.0983	101.4733	617.2917	150.3717	0
5/1/2021	897.98	101.48	616.68	157.96	0
5/1/2021	897.44	101.92	616.16	121.06	0
5/1/2021	897.39	102.0567	615.8467	128.94	0
5/1/2021	897.2433	102.2467	615.9533	112.55	0
5/1/2021	897.8967	101.6567	616.1533	108.4033	0
5/1/2021	898.22	102.07	616.62	108.24	0
5/1/2021	897.31	101.4033	617.4533	109.175	0
5/1/2021	896.9467	102.4967	616.69	112.0033	0
5/1/2021	897.3025	102.2578	617.1266	118.6367	0
5/1/2021	897.3367	102.0567	616.7366	127.9567	0
5/1/2021	896.8033	102.4967	616.49	159.8167	0

5/1/2021	897.0566	102.3933	615.4533	126.4133	0
5/1/2021	896.9478	102.2033	615.0533	110.9033	0
5/1/2021	897.2433	102.2267	614.6733	110.7133	0
5/1/2021	897.0533	102.0633	615.4533	113.3533	0
5/1/2021	897.4967	102.3533	616.2266	108.5933	0
5/1/2021	896.8845	101.91	616.2466	110.7933	0
5/1/2021	897.0566	100.85	616.5433	110.0533	0
5/1/2021	897.0967	101.4733	616.6733	107.4933	0
5/1/2021	896.9467	101.4733	616.2466	111.49	0
5/1/2021	897.31	101.25	616.49	168.6567	0
5/1/2021	897.4217	100.7433	615.22	147.0567	0
5/1/2021	897.0016	100.9567	614.63	114.3067	0
5/1/2021	897.18	101.3657	614.5384	110.7971	0
5/1/2021	896.9867	100.25	614.6933	108.7267	0
5/1/2021	897.7134	99.92667	615.4133	109.7733	0
5/1/2021	897.1067	100.0867	615.6467	108.2933	0
5/1/2021	897.5734	100.4867	615.8066	106.8067	0
5/1/2021	897.0134	101.5067	615.7133	107.7867	0
5/1/2021	897.8911	100.5133	616.0466	113.94	0
5/1/2021	897.1733	101.0933	616.3666	131.8733	0
5/1/2021	897.7867	100.1133	615.8666	180.2133	0
5/1/2021	897.1733	101.2133	615.08	141.1533	0
5/1/2021	897.315	100.92	614.5933	116.6133	0
5/1/2021	897.36	100.3467	615.3867	112.4217	0
5/1/2021	896.8933	100.5133	615.54	111.0867	0
5/1/2021	897.1067	100.4133	615.7267	114.4267	0
5/1/2021	897.1733	100.8867	617.0134	120.2133	0
5/1/2021	897.27	101.1867	616.8933	113.3133	0
5/1/2021	896.5067	101.0733	617.0933	111.7067	0
5/1/2021	897.0134	101.7	617.46	110.4933	0
5/1/2021	896.4266	101.0267	617.2534	155.38	
5/1/2021	896.8533	100.0867	616.5466	153.22	
5/1/2021	897.1067	100.8867	615.8533	117.76	0
5/1/2021	897.3867	100.0867	615.8533	119.44	0
5/1/2021	896.9867	100.92	615.54	116.4733	0
5/1/2021	897.69	100.3672	615.475	110.0262	0
5/1/2021	896.96	100.56	616.45	107.93	0
5/1/2021	897.08	100.4225	615.46	113.22	0
5/1/2021	897.365	100.09	617.02	109.19	0
5/1/2021	897.14	99.97	616.39	109.195	0
5/1/2021	897.3775	100.745	616.12	165.98	0
5/1/2021	896.905	99.81	615.75	154.68	0
5/1/2021	896.73	100.285	614.895	119.09	0
5/1/2021	896.31	100.51	614.9	112.84	0
5/1/2021	896.87	100.42	615.51	114.04	0
5/1/2021	897.025	101.12	615.46	116.165	0
5/1/2021	896.64	100.63	616.08	116.19	0

5/1/2021	897.115	100.79	616.31	111.835	0
5/1/2021	897.74	99.81	616.78	112.82	0
5/1/2021	897.41	100.58	616.88	112.655	0
5/1/2021	898.2067	99.1325	617.19	123.37	0
5/1/2021	898.02	99.97	616.44	157.3	0
5/1/2021	898.51	99.64999	615.76	132.88	
5/1/2021	897.62	100.18	615.4266	116.36	0
5/1/2021	898.37	100.09	615.33	119.65	0
5/1/2021	897.29	100.58	615.96	112.54	0
5/1/2021	898.02	100.0733	616.79	110.395	0
5/1/2021	897.9933	100.5533	616.56	109.14	0
5/1/2021	898.5828	98.57714	617.0515	109.9343	0
5/1/2021	899.0533	98.85333	615.9933	112	0
5/1/2021	900.0466	98.15334	616.4733	121.22	0
5/1/2021	900.4467	98.40334	616.56	161.56	0
5/1/2021	900.1533	100.74	615.86	145.8133	0
5/1/2021	900.2733	100.5933	616.4467	115.8533	99.42909241
5/1/2021	899.25	102.04	616.8533	110.1467	
5/1/2021	898.2466	106.0533	618.6467	116.6933	100.9599533
5/1/2021	898.9067	104.2267	618.7067	107.5467	101.6508865
5/1/2021	899.2233	103.6533	618.67	109.2867	101.6508865
5/1/2021	899.1467	103.2533	618.52	117.04	101.8288269
5/1/2021	899.0933	102.04	620.06	113.7067	101.6772461
5/1/2021	898.9733	103.7733	619.9267	114.7333	102.1756439
5/1/2021	901.5867	101.6733	619.78	120.7667	101.7007599
5/1/2021	900.0067	105.3067	619.2933	165.6667	102.0030594
5/1/2021	908.44	116.1933	618.5867	128.1133	101.0169754
5/1/2021	903.9133	110.88	619.1733	113.2067	101.3960724
5/1/2021	899.2733	105.7467	618.4733	113.1	101.8310318
5/1/2021	900.96	105.9156	618.72	109.9467	
5/1/2021	901.88	116.9667	618.3533	113.2467	
5/1/2021	899.7534	104.2067	618.8267	109.23	
5/1/2021	879.3066	87.74	620.62	110.06	
5/1/2021	899.7267	88.78667	619.81	112.75	100.9676285
5/1/2021	899.7367	113.3533	619.2117	109.11	102.1120071
5/1/2021	910.0334	105.0867	619.2067	176.4667	101.4900818
5/1/2021	905.44	82.64667	618.6033	148.7733	100.7006149
5/1/2021	900.4666	105.71	617.6833	113.91	101.4051895
5/1/2021	899.69	107.2133	618.79	116.45	101.719429
5/1/2021	896.4634	107.9633	618.73	110.55	101.9522247
5/1/2021	896.0667	116.76	618.9833	107.1767	101.4623718
5/1/2021	899.6167	104.35	618.5233	111.625	
5/1/2021	899.75	104.0233	618.7833	111.6367	100.554924
5/1/2021	897.26	99.83	619.6644	113.0267	101.5749512
5/1/2021	893.67	107.8567	619.89	110.15	101.0907211
5/1/2021	898.2366	110.2233	620.53	126.16	102.2696838
5/1/2021	862.1334	107.6233	621.385	148.06	102.9692459

5/1/2021	900.08	107.9033	618.7367	126.87	102.0211334
5/1/2021	901.0733	96.61667	618.1133	114.2117	101.4377365
5/1/2021	898.9633	107.3267	617.6011	120.1367	100.6078033
5/1/2021	899.41	106.1633	617.89	114.5733	100.7082748
5/1/2021	898.9867	107.8433	618.7958	116.56	100.4093704
5/1/2021	899.4467	106.8767	619.1833	118.5133	100.0890961
5/1/2021	891.8367	104.82	619.5933	124.05	
5/1/2021	889.0967	104.905	619.6066	114.71	101.7420959
5/1/2021	900.56	105.76	619.72	111.5	100.7108536
5/1/2021	906.48	114.5	619.28	164.6	100.3289871
5/1/2021	899.14	109.32	618.4	136.58	99.88775635
5/1/2021	898.68	107.74	618.02	129.84	100.4003677
5/1/2021	899.08	105.48	619.06	112.88	100.6395721
5/1/2021	899.66	101.98	617.5	110.16	100.1980286
5/1/2021	898.12	109.48	617.98	109.16	98.53063202
5/1/2021	898.08	108.62	618.46	109.26	98.46782684
5/1/2021	898.86	107.28	619.8	112.56	98.28183746
5/1/2021	898.52	106.93	619.64	121.92	99.01357269
5/1/2021	901.4	106.14	618.9	109.48	
5/1/2021	899.02	93.24	618.62	150.52	99.11450195
5/1/2021	899.02	77.98	617.36	140.52	98.875
5/1/2021	898.5699	107.82	617.56	114.08	98.27154541
5/1/2021	895.62	100.08	617.46	120.56	97.80379486
5/1/2021	900.52	101.42	618.26	117.96	97.30508423
5/1/2021	898.52	108.12	619.16	109.68	97.44298553
5/1/2021	890.3343	100.08	619.64	109	97.73274231
5/1/2021	893.8267	104.5967	618.6367	113.61	98.95978546
5/1/2021	897.61	107.73	617.1633	123.5467	98.72628784
5/1/2021	898.41	107.5356	619.1434	115.0983	98.62003326
5/1/2021	886.3134	106.5667	618.48	182.11	97.80953979
5/1/2021	899.1067	121.5667	618.1733	143.7167	
5/1/2021	898.3433	107.0133	617.9534	109.0967	
5/1/2021	898.8933	109.9467	618.89	112.6967	
5/1/2021	900.5656	109.95	618.4266	110.3533	
5/1/2021	899.7733	114.3067	618.0467	110.625	98.55002594
5/1/2021	898.3433	111.52	618.5734	111.0467	97.52577972
5/1/2021	903.3267	112.1033	617.75	113.2867	98.33847809
5/1/2021	901.4567	104.8167	619.7366	115.81	98.55779266
5/1/2021	904.1911	109.72	619.8633	112.2567	98.48428345
5/1/2021	902.1533	108.1533	619.58	111.9967	98.61042023
5/1/2021	898.0067	120.2833	618.5734	166.3133	97.37705231
5/1/2021	890.02	104.3733	617.2567	134.4767	98.47284698
5/1/2021	899.8033	109.21	617.8033	111.56	
5/1/2021	899.6567	109.3683	618.6234	108.875	97.87888336
5/1/2021	901.9733	109.5433	618.6458	111.7083	97.70757294
5/1/2021	896.5333	102.3417	619.5383	111.1683	97.8944931
5/1/2021	902.23	108.7869	620.5829	110.7114	97.86653137

5/1/2021	895.935	114.53	619.055	112.51	97.48588562
5/1/2021	895.385	108.135	618.39	109.015	97.81704712
5/1/2021	899.1866	120.6317	618.5158	110.0767	97.65749359
5/1/2021	902.34	106.72	619.38	171.52	97.45196533
5/1/2021	905.82	109.01	618.755	145.85	97.50671387
5/1/2021	898.9175	107.215	617.9875	126.04	97.63117218
5/1/2021	899.18	96.31	617.045	114.035	98.49944305
5/1/2021	892.32	107.78	618.0437	108.99	
5/1/2021	897.46	103.8675	618.08	106.185	97.49500275
5/1/2021	899.715	107.67	617.7125	111.765	97.01615906
5/1/2021	896.265	108.605	617.605	119.685	97.24117279
5/1/2021	899.4825	108.905	618.52	114.31	97.52674103
5/1/2021	898.23	103.365	618.21	110.805	97.39364624
5/1/2021	898.96	106.65	617.51	118.215	96.68188477
5/1/2021	897.475	108.81	616.775	152.81	97.91013336
5/1/2021	899.715	107.38	617.9975	128.405	98.31425476
5/1/2021	903.29	107.805	617.655	108.905	98.38265991
5/1/2021	892.07	106.295	616.78	113.58	97.47525024
5/1/2021	902.795	106.39	616.525	110.295	97.659729
5/1/2021	901.625	105.595	617.33	110.555	
5/1/2021	903.305	95.31	617.695	110.335	98.36712646
5/1/2021	899.205	110.31	618.885	107.82	99.09191895
5/1/2021	901.4866	95.08333	617.9963	107.2967	98.41536713
5/1/2021	902.5867	106.1967	618.53	116.3208	99.46618652
5/1/2021	900.6075	110.7683	618.27	164.2717	99.79536438
5/1/2021	902.49	114.4417	616.9133	141.3767	99.73493195
5/1/2021	900.3809	110.5883	616.975	120.29	100.2604218
5/1/2021	900.585	110.4233	616.97	113.9767	100.2604218
5/1/2021	901.875	111.63	617.1434	113.1767	100.7312851
5/1/2021	899.9783	107.7958	617.5433	116.885	100.4447327
5/1/2021	897.8483	111.49	618.5717	113.6017	99.61772919
5/1/2021	899.91	110.58	619.2867	118.175	99.33750916
5/1/2021	900.0117	110.335	619.0117	120.7233	99.33750916
5/1/2021	900.585	107.4442	618.955	119.5783	
5/1/2021	905.6266	108.3883	619.91	118.115	
5/1/2021	899.0083	108.8983	618.6984	174.74	99.81182861
5/1/2021	899.2509	108.6622	618.0433	146.4183	100.1097107
5/1/2021	899.9017	106.7017	617.3134	111.0133	100.0833435
5/1/2021	898.0375	108.8133	617.7567	110.1117	99.92549896
5/1/2021	899.9267	107.625	617.3134	108.8133	99.56852722
5/1/2021	899.1984	107.7133	617.9866	109.9733	98.62032318
5/1/2021	900.0433	107.115	618.1866	115.5867	99.43295288
5/1/2021	899.485	106.985	618.6791	113.2133	99.03277588
5/1/2021	899.7233	107.5592	619.495	108.2183	99.2126236
5/1/2021	899.3091	106.2408	618.1233	109.5517	98.96495056
5/1/2021	899.3533	106.5467	618.1467	116.9333	98.43647003
5/1/2021	899.0817	107.5533	618.0533	167.245	98.97268677

5/1/2021	899.0817	108.0083	616.5117	139.64	98.78018188
5/1/2021	899.7467	106.2817	616.1233	116.5783	98.73040009
5/1/2021	898.565	107.9533	615.965	115.4783	99.1195755
5/1/2021	898.1429	106.935	616.3116	113.0183	99.89748383
5/1/2021	898.6091	107.5358	616.8467	109.4933	99.22040558
5/1/2021	898.9767	106.9817	618.1233	111.6933	99.25802612
5/1/2021	899.3067	107.2467	618.6533	109.975	99.82028198
5/1/2021	898.2533	107.6467	618.3233	110.4183	99.26742554
5/1/2021	899.2717	107.1183	618.205	110.83	99.64317322
5/1/2021	898.335	107.39	618.4533	151.6667	98.96726227
5/1/2021	898.335	105.6567	617.6417	154.06	99.67536163
5/1/2021	897.5933	107.8717	616.6349	118.9067	100.1144104
5/1/2021	898.2067	107.4717	616.5059	119.0083	100.4631958
5/1/2021	898.2767	105.7533	616.535	112.0817	100.7030487
5/1/2021	897.8184	106.5817	616.535	112.3067	100.3116455
5/1/2021	898.2533	105.365	616.8467	113.6717	99.85694885
5/1/2021	898.9533	104.7467	617.5533	113.7958	100.3721695
5/1/2021	898.1061	105.3608	617.2883	118.0367	101.0459671
5/1/2021	897.575	105.33	617.5657	108.7943	100.6328583
5/1/2021	898.5925	105.765	617.58	117.6175	100.8946381
5/1/2021	898.545	104.68	616.345	167.605	101.4692383
5/1/2021	898.335	104.735	615.615	135.335	101.1515503
5/1/2021	898.53	104.1575	615.59	111.41	101.4669113
5/1/2021	898.53	104.34	615.01	115.175	100.965126
5/1/2021	897.52	104.3067	615.38	110.19	100.9970856
5/1/2021	898.355	104.055	615.665	110.3975	101.805481
5/1/2021	898.545	103.255	615.6349	108.375	102.0629807
5/1/2021	898.5925	105.06	616.785	108.355	101.4147797
5/1/2021	899.3051	103.22	617.39	110.18	101.5644302
5/1/2021	898.965	104.015	617.22	113.12	101.6924286
5/1/2021	898.335	103.655	617.01	109.725	101.6732941
5/1/2021	898.09	103.61	616.65	168.965	100.9909897
5/1/2021	897.975	103.9325	615.685	131.12	101.2692108
5/1/2021	898.5287	103.62	615.19	109.44	101.2692108
5/1/2021	898.565	103.22	615.02	118	
5/1/2021	897.935	104.645	614.63	112.455	
5/1/2021	897.215	105.3825	615.6349	109.3925	101.9006042
5/1/2021	898.965	104.68	616.12	109.3825	101.8611832
5/1/2021	898.355	103.635	617.19	113.415	101.8393936
5/1/2021	899.325	103.81	617.4125	112.455	102.4755249
5/1/2021	897.88	104.23	617.305	116.92	102.0159378
5/1/2021	897.2753	104.6242	617.8567	119.7667	102.5882034
5/1/2021	898.5242	105.165	616.7567	170.53	102.2492218
5/1/2021	897.8134	104.065	615.9145	128.5167	102.219368
5/1/2021	898.2133	103.9133	615.2867	113.6808	101.6587601
5/1/2021	897.7433	103.9133	615.2433	108.8517	102.4383316
5/1/2021	898.365	103.2033	615.2433	111.305	102.7647171

5/1/2021	898.7324	103.5567	616.305	110.0267	102.5175018
5/1/2021	898.1384	102.965	617.1133	109.2175	102.764122
5/1/2021	897.395	103.6867	617.765	110.1967	102.7808685
5/1/2021	898.365	103.9121	618.17	109.725	102.6400528
5/1/2021	897.6733	102.825	617.7175	117.5867	101.9283295
5/1/2021	897.6733	104.0161	617.635	125.6908	102.7867355
5/1/2021	897.4384	104.235	616.73	178.705	102.8503265
5/1/2021	897.7484	102.7267	615.8478	143.6683	103.0620575
5/2/2021	898.3616	103.6867	615.5133	121.895	102.2656631
5/2/2021	897.7629	103.3308	615.1783	116.1733	101.8741531
5/2/2021	898.1266	103.1383	615.6783	118.21	102.0642395
5/2/2021	898.3842	103.2617	616.1686	113.9314	102.347641
5/2/2021	898.425	104.1658	616.7425	112.8533	102.6289825
5/2/2021	898.1467	103.8783	617.6925	112.2467	103.0081787
5/2/2021	898.0234	104.2075	617.8217	110.9217	103.0426102
5/2/2021	897.385	104.185	618.0616	118.95	102.5090027
5/2/2021	897.6842	103.8683	617.23	125.2017	102.5430603
5/2/2021	898.0533	104.4842	617.1234	170.9517	101.9532547
5/2/2021	897.6533	103.7633	615.9617	134.5767	102.5674591
5/2/2021	898.1158	103.3842	615.2767	112.4217	102.657402
5/2/2021	897.7767	103.2511	615.415	110.6317	102.3746262
5/2/2021	897.89	103.4467	615.0767	111.5567	102.280899
5/2/2021	898.3317	102.5217	616.1467	118.59	101.9064255
5/2/2021	897.7467	103.7433	616.9533	110.2217	101.7789383
5/2/2021	898.4594	102.9575	617.2933	108.43	102.1541595
5/2/2021	898.5683	103.025	618.3467	109.1217	101.8894348
5/2/2021	898.2233	103.1075	617.7767	110.8067	102.3164444
5/2/2021	897.315	103.6217	617.9767	117.325	102.8428116
5/2/2021	897.4683	103.085	616.915	181.6267	103.0078964
5/2/2021	897.315	103.7533	616.6083	147.9217	103.1497421
5/2/2021	897.6317	103.3217	615.8234	114.95	103.0288239
5/2/2021	897.7156	103.4367	616.0533	112.8533	102.9422836
5/2/2021	897.3383	103.3533	615.6383	114.6333	102.2593155
5/2/2021	897.4238	103.64	615.6643	115.3229	103.0889511
5/2/2021	897.72	103.38	616.775	107.91	103.0889511
5/2/2021	897.365	103.985	617.655	108.205	
5/2/2021	898.12	103.53	618.39	108.41	
5/2/2021	897.83	103.065	618.255	114.09	101.8349915
5/2/2021	897.515	103.2975	618.08	112.895	101.8748245
5/2/2021	898.21	102.6925	617.9225	160.41	102.1481476
5/2/2021	897.99	103.065	617.22	155.12	102.3411331
5/2/2021	897.7425	102.28	616.19	119.825	102.503952
5/2/2021	898.08	103.035	616.575	126.3	102.8721771
5/2/2021	897.94	103.51	616.69	118.145	102.9730301
5/2/2021	897.68	103.915	616.725	116.2475	102.3013458
5/2/2021	896.84	103.985	617.97	113.665	102.4247971
5/2/2021	897.1033	103.6533	618.7478	110.0233	102.7291336

5/2/2021	897.7867	103.8267	618.9133	110.98	102.6132584
5/2/2021	897.5034	103.2967	618.7717	108.7533	102.3417053
5/2/2021	897.37	103.7733	618.5833	108.3867	102.7116013
5/2/2021	896.9733	102.4117	618.2467	156.35	102.549057
5/2/2021	897.3483	102.6733	616.86	149.64	102.3411789
5/2/2021	897.265	103.03	615.8734	120.4433	102.3008575
5/2/2021	897.7256	102.5867	616.0133	111.92	102.8472214
5/2/2021	897.7267	102.7383	616.3267	109.2483	102.9003983
5/2/2021	897.3016	102.95	616.5833	109.73	102.2823563
5/2/2021	897.0369	102.8057	616.6866	111.6033	102.8376541
5/2/2021	897.5	102.3	617.8066	109.3933	103.4966812
5/2/2021	897.4067	102.5933	618.06	109.32	103.1108093
5/2/2021	897.6067	102.98	618.2733	110.6833	102.4080734
5/2/2021	897.2622	103.12	617.8823	112.9933	103.0279617
5/2/2021	896.9467	102.6867	618.0067	155.5667	103.9021759
5/2/2021	897.42	103.4133	616.3933	159.96	104.1077347
5/2/2021	897.0566	103.3067	616.56	115.4133	103.5822983
5/2/2021	896.9866	102.3133	615.8467	109.0555	103.8664017
5/2/2021	897.0533	102.8578	615.8066	109.6133	102.907135
5/2/2021	897.6067	102.3933	616.3533	109.1	103.960434
5/2/2021	896.8734	102.6689	617.2534	114.2	103.2825623
5/2/2021	896.9733	101.84	617.8467	109.6133	103.8266525
5/2/2021	897.47	101.47	618.4867	107.96	103.7448044
5/2/2021	897.0933	102.6067	617.82	107.9267	103.4562759
5/2/2021	897.24	102.6133	618.17	108.08	103.4562759
5/2/2021	897.28	101.8	617.8267	159.5267	103.335083
5/2/2021	897.42	102.3933	616.8933	164.3667	104.0824661
5/2/2021	897.3134	102.3933	616.52	127.36	104.9971619
5/2/2021	897.5811	102.7533	616.4022	110.7533	104.2918701
5/2/2021	896.8622	101.88	616.8666	110.7933	104.54319
5/2/2021	896.9067	102.6867	616.8246	114.0933	104.6854248
5/2/2021	896.78	102.28	617.25	112.81	105.4686127
5/2/2021	896.92	102.28	618.26	116.69	104.8519211
5/2/2021	896.78	102.61	618.6867	113.9467	104.335762
5/2/2021	897.16	102.28	618.73	112.29	100.6900177
5/2/2021	897.465	101.76	618.95	112.63	100.6900177
5/2/2021	897.83	102.14	618.17	169.64	
5/2/2021	896.24	101.815	617.58	163.19	
5/2/2021	897.23	102.07	617.18	126.85	93.45262909
5/2/2021	896.89	101.94	616.325	114.57	0
5/2/2021	896.98	102.35	616.75	116.58	0
5/2/2021	896.84	102.46	617.16	113.17	0
5/2/2021	897.23	101.47	617.33	109.28	0
5/2/2021	896.835	101.345	617.94	110.42	0
5/2/2021	897.0533	101.12	618.48	109.69	0
5/2/2021	896.5024	101.7815	618.4631	110.39	0
5/2/2021	898.26	100.93	617.63	110.47	

5/2/2021	897.365	102.0633	618.28	184.72	0
5/2/2021	897.83	101.8033	616.78	153.21	0
5/2/2021	898.22	100.99	616.98	134.48	0
5/2/2021	897.47	100.23	616.44	114.61	0
5/2/2021	898.2	99.67333	616.1733	109.12	0
5/2/2021	897.83	102.28	617.56	110.38	0
5/2/2021	897.3477	102.0057	617.6428	111.4114	0
5/2/2021	897.85	101.7267	618.7466	112.5533	0
5/2/2021	897.5267	101.3733	618.4867	122.1	0
5/2/2021	897.2933	101.7467	618.6067	112.7533	0
5/2/2021	897.5267	101.3733	618.3734	108.3533	0
5/2/2021	896.8233	100.5756	617.7733	171.1467	
5/2/2021	897.2467	100.71	616.8267	138.0533	0
5/2/2021	897.5267	101.7	617.1733	111.7467	0
5/2/2021	899.5133	99.3	615.7267	116.1467	0
5/2/2021	900.0533	98.17333	615.42	114.1267	0
5/2/2021	899.0267	98.86333	616.32	113.9467	0
5/2/2021	898.2733	102.5467	617.8867	111.02	0
5/2/2021	897.6266	103.1533	619.24	110.9733	0
5/2/2021	897.9367	102.5267	619.3734	110.5267	0
5/2/2021	898.5566	102.8733	618.77	112.9217	0
5/2/2021	898.3817	103.5067	619.1533	139.0433	0
5/2/2021	898.9733	103.1533	617.7733	156.08	0
5/2/2021	897.9267	104.28	617.62	131.1133	
5/2/2021	898.72	101.8233	617.46	115.0833	95.33052063
5/2/2021	898.8367	103.1183	617.3067	118.23	101.7883835
5/2/2021	899.5367	101.985	616.9533	109.17	101.7216797
5/2/2021	900.1933	100.6067	617.7933	109.4933	101.117218
5/2/2021	898.9067	124.54	618.9533	110.43	100.4488754
5/2/2021	899.9467	102.5933	619.7378	115.1367	100.581459
5/2/2021	901.27	111.0467	619.0333	111.075	99.94285583
5/2/2021	898.49	95.89667	619.7533	112.49	99.94285583
5/2/2021	899.7933	103.0633	620.0533	171.96	99.42421722
5/2/2021	892.0867	104.07	619.1533	151.92	99.78292084
5/2/2021	902.6234	102.5933	618.73	114.3133	100.7316437
5/2/2021	900.2134	68.34334	618.2633	110.15	
5/2/2021	900.6367	104.8667	617.7933	112.5367	
5/2/2021	897.6633	102.4833	618.7233	112.5367	
5/2/2021	890.26	105.3683	620.0433	107.8133	
5/2/2021	900.4067	106.27	620.44	107.3867	99.46794128
5/2/2021	903.4233	105.33	620.1467	107.0133	98.75182343
5/2/2021	901.1533	98.47833	620.5933	109.6367	98.11904144
5/2/2021	902.4886	106.7943	619.9506	121.2714	99.43859863
5/2/2021	885.22	107.08	619.36	169.52	98.66426086
5/2/2021	899.94	112.38	618.6346	138.54	98.91629028
5/2/2021	899.8895	105.4	618.1628	111.7371	98.60744476
5/2/2021	905.04	112.86	618.76	109.22	97.59666443

5/2/2021	899.92	107.52	618.54	110.74	
5/2/2021	905.1	105.64	618.74	111.76	98.00324249
5/2/2021	904.8	108.96	619.84	111.48	97.88269043
5/2/2021	904.76	104.96	620.44	118.34	97.13019562
5/2/2021	901.7	109.86	620.38	110.88	95.85919189
5/2/2021	895.44	114.14	620.38	112.38	94.60861206
5/2/2021	900.74	103.3	620.18	115	95.36712646
5/2/2021	897.22	108.78	619.24	158.98	95.60845184
5/2/2021	904.96	108.09	618.42	128.1	96.16523743
5/2/2021	900.18	107.76	618.18	115.46	96.09475708
5/2/2021	902.34	109	618.16	119.92	96.48083496
5/2/2021	901.56	104.3	617.2933	114.42	96.82013702
5/2/2021	901.14	114.32	618.22	115.16	
5/2/2021	900.18	118.08	618.72	114.72	96.73976898
5/2/2021	901.9	106.04	619.16	110.58	96.87225342
5/2/2021	895.06	113.7	619.16	109.82	95.70292664
5/2/2021	900.68	107.82	619.18	118.12	96.11850739
5/2/2021	899.62	108.28	618.12	144.56	96.83885956
5/2/2021	891.5829	110.6429	617.9915	163.9371	96.13480377
5/2/2021	904.0134	106.0367	617.4955	127.6233	95.25335693
5/2/2021	899.85	107.9917	616.6655	113.8533	95.86937714
5/2/2021	900.1533	116.22	616.2733	111.92	95.39598083
5/2/2021	898.1933	107.9033	616.7733	110.45	94.59159088
5/2/2021	897.5634	114.49	616.9467	109.4267	94.10028839
5/2/2021	903.3834	105.26	618.89	114.98	
5/2/2021	894.5333	105.5867	618.4733	114.8667	95.10302734
5/2/2021	897.21	112.2933	618.5833	110.0267	95.08506775
5/2/2021	894.01	116.43	619.2333	110.37	95.34243011
5/2/2021	899.53	110.33	617.9266	151.5967	95.86354065
5/2/2021	897.9433	106.6217	617.5133	140.8133	95.45464325
5/2/2021	900.2733	109.0967	616.4133	125.8767	95.37801361
5/2/2021	908.1067	115.54	616.43	119.7267	96.01171112
5/2/2021	901.3433	107.0467	616.93	112.7167	95.75046539
5/2/2021	894.6833	110.0233	617.0867	109.7233	95.56763458
5/2/2021	901.2533	110.265	617.6833	111.9467	96.02700043
5/2/2021	903.92	105.7767	618.2133	113.8033	95.75808716
5/2/2021	907.4233	110.65	618.1866	118.59	
5/2/2021	899.8867	109.5767	618.1866	110.6733	
5/2/2021	894.91	103.3533	618.5833	149.6333	
5/2/2021	899.9266	113.9967	617.3984	152.5167	
5/2/2021	907.8433	110.5967	617.0333	119.2933	95.55589294
5/2/2021	901.7534	110.6067	613.2488	117.76	96.22395325
5/2/2021	902.0067	105.7267	615.84	113.8	96.48809052
5/2/2021	901.0134	106.6867	616.1133	109.6133	95.87143707
5/2/2021	899.9133	110.4933	616.96	109.5067	95.37984467
5/2/2021	892.22	109.9067	617.3334	114.42	95.51589203
5/2/2021	904.4667	107.6667	618.3533	112.9933	95.84449005

5/2/2021	899.6266	75.59333	618.34	112.9133	96.09753418
5/2/2021	898.6	110.5733	616.6467	113.4667	
5/2/2021	901.45	107.025	617.975	157.9	96.66420746
5/2/2021	905.3	108.975	616.95	139.25	96.48487091
5/2/2021	900.775	110.175	616.575	118.425	95.51357269
5/2/2021	901.725	110.075	616.225	116	96.30638123
5/2/2021	901.675	111.725	616.975	110.65	96.02141571
5/2/2021	899.525	110	617.25	106.95	96.37273407
5/2/2021	899.45	110.275	618	110.075	96.78388214
5/2/2021	899.375	109.6	618.35	114.3	96.61268616
5/2/2021	902.975	108.35	618.25	111.975	96.2288208
5/2/2021	904.2	99.675	617.8	110.625	95.92696381
5/2/2021	900.9625	109.325	619.7	132.55	96.30711365
5/2/2021	902.7917	119.125	617.3	150.85	97.0046463
5/2/2021	909.625	106.375	615.975	132.95	96.748703
5/2/2021	897.05	108.725	615.625	110.225	95.98826599
5/2/2021	901.2857	107.6857	616.0929	109.4615	96.85010529
5/2/2021	898.0583	116.4125	616.5208	109.0083	96.51435089
5/2/2021	900.8333	107.6639	617.1833	112.7917	97.29486084
5/2/2021	897.5	107.725	617.6083	116.675	96.57092285
5/2/2021	902.7917	107.75	618.975	112.125	97.10261536
5/2/2021	900.775	106.0417	617.275	107.6667	96.87437439
5/2/2021	900.1917	110.2917	618.4667	107.6583	96.31160736
5/2/2021	899.8083	109.6167	618.0833	157.65	96.5743103
5/2/2021	896.7667	110.4083	616.9833	149.7333	96.4342041
5/2/2021	901.7625	109.2167	615.9916	117.775	
5/2/2021	904.4667	110.8083	616.625	113.8667	96.95623016
5/2/2021	902.6917	108.85	616.6166	113.4667	97.42325592
5/2/2021	875.75	108.8833	615.9333	109.0333	97.34985352
5/2/2021	901.5667	108.0583	617.2167	108.7333	96.95413971
5/2/2021	901.4778	109.3083	618.3333	110.1083	97.55223083
5/2/2021	903.2167	105.7667	617.7667	109.3417	98.14321899
5/2/2021	902.025	110.3833	619.4583	108.3667	98.35205841
5/2/2021	900.4667	110.35	619.1583	111.9083	97.71605682
5/2/2021	901.7792	109.4667	617.6875	163.7583	97.65473175
5/2/2021	901.4778	109.3417	616.825	143.225	97.95040894
5/2/2021	901.2584	107.6583	616.5083	132.6833	98.53970337
5/2/2021	902.2416	109.9444	616.8917	112.5833	98.18241119
5/2/2021	901.2917	110.9917	617.1708	111.5417	98.18241119
5/2/2021	901.8	110.0929	616.55	111.9714	
5/2/2021	901.1083	118.875	618.0083	117.1917	
5/2/2021	900.8917	109.6167	619.5638	124.6167	97.64784241
5/2/2021	878.2833	109.0083	619.0167	115.175	97.94174957
5/2/2021	900.8333	108.7333	618.2416	110.8667	96.91278076
5/2/2021	900.5917	108.2083	618.7084	157.0667	97.27180481
5/2/2021	901.8083	106.5917	617.75	158.6833	97.40050507
5/2/2021	901.6	100.2667	617.0917	129.1417	97.94509888

5/2/2021	899.7458	109.0667	617.2584	114.6	97.5436554
5/2/2021	900.2896	107.3833	616.9944	112.3542	97.9489212
5/2/2021	900.5583	108.2083	617.6083	108.7167	97.20518494
5/2/2021	900.775	107.6333	617.675	108.425	97.04972076
5/2/2021	900.7083	107.6917	618.925	112.3083	97.93292999
5/2/2021	900.6375	108.275	618.7084	112.6083	97.40904236
5/2/2021	899.9556	109.0083	619.3833	108.3917	97.44038391
5/2/2021	900.4083	109.2167	618.8333	114.35	97.1006012
5/2/2021	898.9417	108.0125	618.8306	113.0417	98.11431122
5/2/2021	899.6193	108.7462	618.7346	158.0286	97.92556763
5/2/2021	899.95	108.025	617.4375	131.3	98.73733521
5/2/2021	899.925	107.7	616.95	116.775	98.53046417
5/2/2021	899.825	107.5125	616.85	110.375	98.2807312
5/2/2021	900.3	107.35	616.575	110.0625	97.9178009
5/2/2021	900.4	106.9125	617.45	115.2	98.30620575
5/2/2021	900.4	106.7917	618.65	122.55	98.91558075
5/2/2021	900.575	107.125	618.725	114.675	99.33330536
5/2/2021	899.575	106.275	619.6	114.65	99.26456451
5/2/2021	899.2	106.8125	619	109.575	99.539711
5/2/2021	899.175	106.225	619.025	115.775	99.6213913
5/2/2021	899.575	106.275	618.875	168.475	99.32971954
5/2/2021	898.9	105.7875	616.9	130.85	98.66864014
5/2/2021	900.2	106.425	616.75	123.55	98.02579498
5/2/2021	900.4	106.15	617.05	115.65	97.85310364
5/2/2021	900.4	106.325	617.15	113.075	97.71401978
5/2/2021	900.45	105.9	617.675	111.65	98.43330383
5/2/2021	899.5125	106.275	618.825	110.1	97.26597595
5/2/2021	899.625	106.1667	619.15	110.3625	97.56783295
5/2/2021	900	105.7875	619.3	114.35	97.89440155
5/2/2021	900.4	105.9	619.5	113.825	97.49539948
5/2/2021	899.625	105.7	619.15	110.25	97.17073059
5/2/2021	899.7769	106.021	618.0923	170.025	97.57356262
5/2/2021	900.2708	105.4556	617.0833	136.7667	97.5976181
5/2/2021	900.1833	105.6857	616.65	116.675	97.6460495
5/2/2021	899.8666	105.8778	616.8833	115.8833	97.91104126
5/2/2021	899.9333	104.9417	616.0333	110.6861	98.06695557
5/2/2021	899.9333	105.1083	616.8333	109.7333	97.62745667
5/2/2021	899.7833	105.5583	617.4333	108.6896	97.99507904
5/2/2021	899.6125	105.8222	617.725	108.4583	97.26612091
5/2/2021	899.5458	106.2875	619.0583	114.55	
5/2/2021	899.5639	105.6542	618.7583	115.0667	
5/2/2021	899.2416	105.6833	618.7917	109.3917	
5/2/2021	898.9417	105.6833	618.4417	177.5167	97.95188141
5/2/2021	899.2833	105.9667	617.15	155.05	97.26059723
5/2/2021	899.2333	105.1083	616.3083	115	97.2736969
5/2/2021	899.8666	105.4208	616.1583	114.4083	98.64017487
5/2/2021	899.525	104.4667	616.0333	110.025	98.09365082

5/2/2021	899.2333	103.9306	616.025	110.675	98.35864258
5/2/2021	899.575	104.5333	617.8417	109.5083	98.44232941
5/2/2021	899.2333	104.9333	618.1583	108.7583	97.85751343
5/2/2021	899.4583	104.9417	619.0389	115.5417	98.57287598
5/2/2021	899.575	104.6333	618.875	111.8167	98.57287598
5/2/2021	899.6625	105.7167	619.1417	108.4958	98.5867157
5/2/2021	898.5375	104.7833	618.4583	108.475	98.46530914
5/2/2021	898.8833	104.175	617.5639	164.3667	98.44261932
5/2/2021	900.0961	104.15	616.5416	130.0083	99.57723999
5/2/2021	898.7667	104.125	616.9667	112.575	99.63939667
5/2/2021	899.4083	104.3875	616.2611	112.4083	99.84643555
5/2/2021	898.9445	103.5333	616.5792	114.0833	99.8692627
5/2/2021	899.5833	103.9917	617.2417	113.0333	99.96015167
5/2/2021	898.9333	104.2417	617.6583	113.925	99.90531158
5/3/2021	899.6292	104.2375	618.8583	110.2861	100.6122208
5/3/2021	899.575	104.4667	619.9458	118.0167	100.0121002
5/3/2021	898.8333	105.2542	620.5333	112.575	100.6203156
5/3/2021	898.5417	104.5333	620.6167	113.0333	100.1767273
5/3/2021	898.475	104.7583	620.4167	162.7	99.79523468
5/3/2021	898.7958	105.275	619.6917	157.4833	99.81192017
5/3/2021	898.475	104.5333	619.3333	126.4417	100.3694077
5/3/2021	898.8833	104.4167	619.4833	133.9	100.8137817
5/3/2021	898.9333	104.4083	619.7167	112.9833	100.5233459
5/3/2021	898.775	104.125	620.0167	109.4694	100.6248322
5/3/2021	898.0667	105.1083	620.4417	112.475	100.5360336
5/3/2021	898.1917	104.0583	621.1083	109.6333	99.5843811
5/3/2021	899.2917	103.8917	621.025	111.8833	99.31249237
5/3/2021	898.0667	103.7361	620.9083	113.5625	99.27753448
5/3/2021	898.2167	103.5333	620.9417	108.9417	100.4218826
5/3/2021	898.1417	104.225	620.3833	154.55	99.80431366
5/3/2021	898.525	105.0417	619.4584	154.2833	99.80431366
5/3/2021	898	103.775	618.6875	116.15	100.0227661
5/3/2021	897.6	104.4375	618.9125	117.125	100.4766922
5/3/2021	898.725	104.525	618.55	118.525	100.4062729
5/3/2021	899.3	103.125	618.4	115.575	100.0588379
5/3/2021	899.825	103.725	618.55	112.125	100.8764038
5/3/2021	899.725	102.7	618.675	111.85	100.7453766
5/3/2021	898.375	103.25	619.1375	109.0437	99.9095993
5/3/2021	898	103.5	618.625	113.1	100.1140213
5/3/2021	898.4625	103.7	618.175	123.575	100.140564
5/3/2021	897.7	103.3	617.95	121.6	
5/3/2021	899.2875	102.725	616.85	176.475	
5/3/2021	898.9667	102.6833	615.1833	135.25	
5/3/2021	899.525	102.75	615.25	113.4	99.95669556
5/3/2021	899.3	102.925	615.25	113.925	100.7023239
5/3/2021	899.2	102.975	615.3	110.625	99.84346771
5/3/2021	899.35	103.4	615.775	112.175	99.67463684

5/3/2021	899.825	103.075	617.3	113	99.65349579
5/3/2021	899.2167	102.4417	617.7333	115.45	99.62785339
5/3/2021	898.6666	102.5917	618.6833	117.375	100.4645157
5/3/2021	898.9417	103.6583	618.8167	110.8667	101.2861862
5/3/2021	898.025	104.3667	618.3083	109.525	101.3016586
5/3/2021	900.0416	103.2667	618.925	150.125	100.0422058
5/3/2021	899.3083	104.025	617.3833	165.075	100.4622421
5/3/2021	897.6583	103.9667	616.275	123.9167	100.5569077
5/3/2021	897.9584	105.7083	616.2833	112.1958	100.8267517
5/3/2021	897.9266	105.7267	616.2733	109.0733	100.8267517
5/3/2021	897.9267	104.6733	616.4733	108.3367	100.3483505
5/3/2021	899.3734	104.02	617.1067	111.0467	0
5/3/2021	897.5267	104.6733	617.8867	111.2733	0
5/3/2021	898.5267	105.0267	618.6867	107.6733	0
5/3/2021	898.9267	105.38	618.3467	110.2	0
5/3/2021	898.9533	103.7	618.14	108.3733	0
5/3/2021	898.5267	104.3533	618.2867	113.2133	0
5/3/2021	897.8734	103.5733	618.24	199.8133	0
5/3/2021	898.2466	104.28	616.4867	149.66	0
5/3/2021	897.5733	104.3267	615.62	112.6533	0
5/3/2021	898.2267	104.01	616.1067	113.78	0
5/3/2021	898.5267	103.5267	616.0867	112.22	0
5/3/2021	898.6266	102.4733	616.6266	111.8533	0
5/3/2021	898.96	103.035	616.9908	106.9508	0
5/3/2021	899.59	103.185	617.74	106.68	0
5/3/2021	898.96	103.38	618.52	110.185	0
5/3/2021	897.65	103.925	618.12	111.78	0
5/3/2021	898.5699	103.96	618.16	109.875	0
5/3/2021	898.26	103.71	618.91	148.61	0
5/3/2021	898.26	103.6233	617.22	163.13	0
5/3/2021	897.555	103.92	616.86	133.51	0
5/3/2021	898.19	103.53	616.82	112.96	0
5/3/2021	898.05	102.86	616.62	112.37	0
5/3/2021	898.5699	102.86	616.93	108.88	0
5/3/2021	898.5699	102.07	617.06	109.22	0
5/3/2021	898.615	103.28	618.075	113.28	0
5/3/2021	897.555	103.53	618.66	112.07	0
5/3/2021	897.47	103.285	619.19	109.98	0
5/3/2021	898.89	103.56	618.7633	115.23	0
5/3/2021	897.4514	103.22	618.3457	113.1571	0
5/3/2021	898.564	103.164	618.1156	193.252	0
5/3/2021	898.46	102.5914	617.18	149.04	0
5/3/2021	898.93	102.07	616.75	116.99	
5/3/2021	898.41	102.82	616.51	113.35	
5/3/2021	898.965	102.66	616.32	118.78	0
5/3/2021	898.3853	101.83	617.3934	123.74	0
5/3/2021	898.8933	102.94	618.34	111.8622	0

5/3/2021	899.62	102.5	618.78	110.28	0
5/3/2021	898.0867	102.9933	619.3467	109.6533	0
5/3/2021	897.28	103.09	619.5333	112	0
5/3/2021	897.3867	103.12	619.1067	120.5067	0
5/3/2021	898.4133	103.7867	617.9133	136.64	0
5/3/2021	899.1067	103.4133	616.76	167.7733	
5/3/2021	898.5933	103.3067	615.3467	124.9467	0
5/3/2021	898.7067	103.8933	615.04	116.07	0
5/3/2021	899.1067	102.6867	614.4666	114.0867	0
5/3/2021	898.7067	103.7867	614.0867	109.36	0
5/3/2021	898.0067	103.38	615.1467	107.0867	0
5/3/2021	898.7433	102.5	615.86	108.9933	0
5/3/2021	898.8933	102.6067	616.0467	114.5267	0
5/3/2021	898.6733	102.9067	615.5667	111.1533	0
5/3/2021	898.3	102.0933	615.1866	112.2933	0
5/3/2021	898.5233	102.5767	615.34	116.8667	0
5/3/2021	899.3033	102.95	614.8867	167.6267	0
5/3/2021	899.3419	103.4933	613.7933	137.6667	
5/3/2021	900.2067	102.7933	613.24	117.1	0
5/3/2021	900.1733	104.2533	613.0533	111.0067	0
5/3/2021	899.86	104.0767	614.0257	109.98	0
5/3/2021	899.3967	105.315	614.16	110.6767	0
5/3/2021	900.3267	104.9233	615.6309	114.6767	0
5/3/2021	899.675	104.4733	616.7233	110.1967	0
5/3/2021	899.7967	105.23	616.6288	108.0767	0
5/3/2021	899.6233	106.0267	616.5833	107.28	0
5/3/2021	898.69	105.35	616.5478	118.06	0
5/3/2021	899.57	106.1967	615.5517	179.8133	0
5/3/2021	899.465	104.7933	614.67	144.8633	0
5/3/2021	899.8734	105.9256	613.6833	114.4233	0
5/3/2021	899.8767	105.6267	615.1133	111.0733	0
5/3/2021	899.0533	106.4067	614.86	118.625	0
5/3/2021	899.8911	104.9233	615.6167	122.92	0
5/3/2021	900.0233	104.5017	616.03	114.46	0
5/3/2021	899.53	106.3433	617.53	108.6467	0
5/3/2021	899.53	107.2033	617.7083	108.6467	0
5/3/2021	906.16	101.8967	617.5967	110.5167	0
5/3/2021	900.67	105.8933	617.1044	113.6567	0
5/3/2021	900.34	104.02	617.34	152.74	0
5/3/2021	905.58	105.14	616.42	155.2	0
5/3/2021	902.656	104.892	616.068	117.268	0
5/3/2021	895.9533	104.4133	615.5034	113.885	
5/3/2021	901.5691	105.4967	615.77	112.65	
5/3/2021	901	105.72	616.56	108.98	
5/3/2021	900.78	104.26	616.08	108.12	
5/3/2021	901.04	97.43999	617.75	111.14	0
5/3/2021	907.4	107.94	617.84	107.23	0

5/3/2021	891.3	106.38	617.38	109.12	0
5/3/2021	899.72	100.6	617.56	111.4	0
5/3/2021	886.1	106.8	617.04	167.3	0
5/3/2021	899.58	100.76	616.56	158.96	0
5/3/2021	896.32	107.96	615.68	121.88	0
5/3/2021	893.76	108.42	615.55	110.02	0
5/3/2021	907.12	112.16	615.52	108.62	
5/3/2021	906.86	104.94	615.84	107.72	0
5/3/2021	895.66	106.68	616.42	108.9	0
5/3/2021	905.33	113.48	617.08	114.12	0
5/3/2021	902.08	105.38	618.02	108.94	0
5/3/2021	896.12	105.36	617.78	109.14	0
5/3/2021	900.6028	107.0971	617.3314	109.7457	0
5/3/2021	905.2867	107.7667	617.6434	159.1	0
5/3/2021	906.54	105.75	615.7467	153.7633	0
5/3/2021	885.1533	106.85	614.6633	119.1633	0
5/3/2021	901.0867	109.6033	615.63	115.5717	0
5/3/2021	887.7534	106.4767	615.0817	114.97	0
5/3/2021	894.5233	106.3633	614.7567	115.7967	
5/3/2021	900.5433	116.1267	616.8467	112.3067	0
5/3/2021	902.63	102.8967	617.0933	109.5867	0
5/3/2021	899.2567	106.78	618.2067	116.2833	0
5/3/2021	898.6467	106.8733	618.4667	114.0333	0
5/3/2021	905.84	108.0233	618.16	119.3533	0
5/3/2021	900.4067	105.79	617.9467	144.88	0
5/3/2021	899.4434	115.91	615.9966	153.2867	0
5/3/2021	899.3383	109.6067	615.25	123.2367	0
5/3/2021	899.82	104.66	612.93	115.5883	0
5/3/2021	899.6683	107.9883	615.49	110.8567	0
5/3/2021	897.4567	106.78	615.83	111.98	0
5/3/2021	899.5634	97.50999	614.46	109.3267	
5/3/2021	900.4067	105.5933	615.7633	110.8767	0
5/3/2021	895.8734	107.18	616.4533	113.52	0
5/3/2021	885.6	105.59	616.37	108.9567	0
5/3/2021	900.87	108.75	617.26	107.1183	0
5/3/2021	899.3067	108.7233	616.3467	162.71	0
5/3/2021	884.1467	106.4133	615.6467	155.24	0
5/3/2021	891.7467	107.5267	615.6667	137.7	0
5/3/2021	901.1266	106.9467	615.88	138.4133	0
5/3/2021	900.64	107.84	615.6066	121.1333	0
5/3/2021	900.0533	107.0067	615.9733	108.8733	0
5/3/2021	899.1133	102.3467	616.84	109.22	0
5/3/2021	899.6934	112.18	617.0578	114.5867	
5/3/2021	893.5933	108.06	617.4467	109.4733	
5/3/2021	899.4933	108.02	618.0733	113.28	
5/3/2021	901.5267	109.1867	617.56	109.38	
5/3/2021	901.24	107.02	617.2333	161.5867	0

5/3/2021	900.4467	110.68	616.9733	133.36	0
5/3/2021	899.2734	107.86	615.9267	114.78	0
5/3/2021	894.1133	108.0467	616.46	114.76	0
5/3/2021	903.1733	107.18	615.8867	109.5067	0
5/3/2021	901.8533	106.24	616.53	109.8267	0
5/3/2021	908.38	115.5533	616.32	108.1133	0
5/3/2021	901.1867	107.5467	617.32	111.8267	0
5/3/2021	890.3066	108.2756	617.6667	110.1267	
5/3/2021	905.1885	108.0257	617.56	118.7733	0
5/3/2021	909.92	111.9	618.44	124.4867	0
5/3/2021	899.1	110.1467	617.1533	172.48	0
5/3/2021	898.0143	109.1943	615.7558	155.5514	0
5/3/2021	902.7433	108.2592	616.0533	113.66	0
5/3/2021	901.7717	105.8033	615.0233	105.7767	0
5/3/2021	897.7992	109.0067	615.705	122.825	0
5/3/2021	904.7067	120.1733	616.7792	107.6317	0
5/3/2021	902.5717	109.7183	617.2584	111.7583	0
5/3/2021	891.8367	107.7283	618.965	106.2817	0
5/3/2021	901.2761	102.17	618.5817	107.8717	0
5/3/2021	903.6334	109.6717	618.4025	111.4283	0
5/3/2021	901.0717	117.4683	617.865	114.7133	0
5/3/2021	901.5034	109.625	618.6517	104.105	0
5/3/2021	890.7833	104.02	617.7908	137.3167	0
5/3/2021	901.9966	104.96	617.305	140.1033	0
5/3/2021	900.6716	107.6783	616.5416	128.3717	0
5/3/2021	900.765	106.9408	616.3292	111.9767	0
5/3/2021	900.9858	106.29	615.7866	108.385	0
5/3/2021	899.7933	106.1533	616.8933	108.5717	0
5/3/2021	892.0117	108.28	617.5533	112.1433	0
5/3/2021	890.9117	75.33167	617.4817	110.2817	0
5/3/2021	910.9633	113.4917	618.6767	108.8283	0
5/3/2021	896.7767	105.135	617.7233	106.5733	
5/3/2021	901.37	119.6683	618.5817	109.9283	0
5/3/2021	901.225	102.5583	616.7046	178.7067	0
5/3/2021	900.965	106.0508	616.2416	134.4833	0
5/3/2021	901.685	106.285	615.6992	110.71	0
5/3/2021	908.0416	108.4433	616.2416	110.25	0
5/3/2021	900.8716	108.9783	616.6566	109.6617	0
5/3/2021	901.0267	108.0917	617.5417	108.3367	0
5/3/2021	901.9366	103.7217	617.8434	106.3983	0
5/3/2021	898.0433	106.8817	618.1566	111.5417	0
5/3/2021	902.2917	106.475	618.6417	110.7267	0
5/3/2021	899.2078	107.0983	617.9617	113.0917	0
5/3/2021	900.715	106.6711	617.87	127.9283	0
5/3/2021	901.4866	120.0617	617.9833	128.3167	
5/3/2021	900.775	105.0883	618.3566	183.9533	
5/3/2021	901.5117	104.3967	617.0566	144.505	

5/3/2021	901.0867	109.7942	616.2133	112.45	0
5/3/2021	901.1583	104.3378	617.0283	121.31	0
5/3/2021	899.9267	104.8383	616.4417	113.55	0
5/3/2021	899.7117	104.3883	617.6008	109.6783	0
5/3/2021	900.7377	104.03	618.3642	111.4558	0
5/3/2021	900.665	104.2475	618.19	111.08	0
5/3/2021	900.98	104.88	618.135	108.315	0
5/3/2021	900.665	105.58	618.17	112.565	0
5/3/2021	899.88	104.81	618.52	111.285	0
5/3/2021	900.28	104.88	618.355	152.3	0
5/3/2021	900.3533	105.305	617.18	158.185	0
5/3/2021	900.06	105.0025	615.99	120.25	0
5/3/2021	900.32	104.52	616.12	110.185	0
5/3/2021	899.565	106.185	616.7662	112.715	0
5/3/2021	899.88	105.015	616.665	107.325	0
5/3/2021	900.21	105.1825	617.6825	111.505	0
5/3/2021	899.785	104.42	618.21	117.57	0
5/3/2021	899.7975	105.265	619.02	115.465	0
5/3/2021	899.18	106.075	619.935	110.515	0
5/3/2021	899.565	105.255	619.35	109.595	0
5/3/2021	899.5425	104.5717	618.5967	120.895	0
5/3/2021	900.005	104.48	618.645	183.07	0
5/3/2021	897.295	108.495	619.18	139.225	0
5/3/2021	896.235	108.8317	618.91	110.475	0
5/3/2021	896.84	107.3433	617.99	113.995	0
5/3/2021	898.575	104.41	617.455	112.095	0
5/3/2021	898.4414	103.4186	616.82	107.985	0
5/3/2021	898.415	102.91	617.555	110.89	0
5/3/2021	898.1683	102.155	618.27	109.9633	0
5/3/2021	898.8567	102.2217	618.5767	111.425	0
5/3/2021	898.7317	101.9617	618.6234	115.0633	0
5/3/2021	898.0533	101.5533	618.7128	111.1683	0
5/3/2021	898.1467	102.2317	618.685	122.0967	0
5/3/2021	898.1467	101.6783	617.5233	160.9667	0
5/3/2021	898.7317	100.9783	617.0767	128.9417	0
5/3/2021	898.1467	100.885	616.9042	125.375	0
5/3/2021	898.3217	100.5261	616.845	111.7317	0
5/3/2021	898.6608	101.2467	616.9617	109.3783	0
5/3/2021	898.7217	101.1892	617.6317	107.085	0
5/3/2021	897.7467	100.5683	618.5683	109.4767	0
5/3/2021	898.1783	101.1892	619.3533	113.2433	0
5/3/2021	898.485	101.1533	619.6766	110.7567	0
5/3/2021	898.1766	100.9683	619.3533	108.0217	0
5/3/2021	898.1467	100.0217	619.43	109.4717	0
5/3/2021	898.485	100.2489	618.7383	181.0017	0
5/3/2021	897.8066	100.5767	617.6683	141.205	
5/3/2021	898.5683	100.825	617.2783	115.475	

5/3/2021	897.8066	100.7575	617.9467	110.7367	
5/3/2021	898.3309	100.935	617.595	108.235	0
5/3/2021	897.5034	101.7133	618.0478	109.165	0
5/3/2021	897.6625	100.4617	618.8517	113.0133	0
5/3/2021	897.4384	100.1417	619.665	109.2517	0
5/3/2021	898.0192	100.5383	619.835	111.5983	0
5/3/2021	897.6733	99.98667	620.3433	108.2692	0
5/3/2021	897.59	100.8483	620.1917	109.9517	0
5/3/2021	898.7733	99.74834	619.5566	132.8367	0
5/3/2021	897.5034	100.5383	618.5433	164.1617	0
5/3/2021	897.9289	100.935	617.0867	124.9567	0
5/3/2021	898.2966	99.83833	617.3566	111.8333	0
5/3/2021	898.6866	100.2711	617.3567	110.0267	0
5/3/2021	898.7617	100.4517	617.7917	114.3617	0
5/3/2021	897.9866	100.3867	617.905	108.8583	0
5/3/2021	898.4483	99.83833	618.765	108.065	0
5/3/2021	898.535	99.67583	619.7042	109.2825	0
5/3/2021	898.1129	100.1383	619.4867	109.165	0
5/3/2021	897.9866	100.9233	619.1133	113.3333	0
5/3/2021	898.2133	99.665	619.5833	112.4017	0
5/4/2021	897.6733	100.1956	619.2484	199.3267	0
5/4/2021	897.3875	100.6133	617.2433	156.2067	0
5/4/2021	897.6733	99.51333	616.6083	136.5267	0
5/4/2021	897.8134	100.2567	616.6216	115.9983	0
5/4/2021	898.565	99.635	616.9133	111.1233	0
5/4/2021	898.315	98.555	616.8775	109.4875	0
5/4/2021	898.565	99.58	617.18	111.545	0
5/4/2021	898.0775	99.56	618.69	114.955	0
5/4/2021	898.81	99.31125	618.765	122.475	0
5/4/2021	898.28	99.9275	618.81	112.035	0
5/4/2021	898.315	99.235	618.985	113.6175	0
5/4/2021	897.92	99.92	618.335	121.165	0
5/4/2021	898.3387	97.77499	618.305	189.055	0
5/4/2021	897.88	100.985	616.99	140.97	0
5/4/2021	896.933	99.18	616.505	115.19	0
5/4/2021	898.26	99.885	616.74	109.345	0
5/4/2021	897.88	99.5675	616.62	108.285	0
5/4/2021	897.485	100.265	616.18	109.135	0
5/4/2021	897.18	99.615	617.4075	108.7067	0
5/4/2021	897.88	99.92	618.12	111.17	0
5/4/2021	898.5825	99.9675	618.51	107.86	0
5/4/2021	896.82	99.865	618.29	108.665	0
5/4/2021	898.2675	100.09	618.28	118.01	0
5/4/2021	898.225	99.865	618.47	135.09	0
5/4/2021	896.855	100.645	616.98	179.55	0
5/4/2021	897.52	100.28	616.075	130.045	0
5/4/2021	898.28	98.535	615.235	109.81	0

5/4/2021	897.1909	100.6533	615.635	113.15	
5/4/2021	897.5467	99.77167	615.9233	110.7567	
5/4/2021	897.465	98.89333	616.9533	109.4467	0
5/4/2021	898.2067	99.68166	617.6116	111.335	0
5/4/2021	898.9359	100.3467	617.7675	108.8283	0
5/4/2021	897.9817	99.865	618.5717	112.49	0
5/4/2021	897.8533	99.94667	618.6533	111.2033	0
5/4/2021	898.125	99.72833	617.735	114.4717	0
5/4/2021	897.6767	100.9183	617.2233	188.1217	0
5/4/2021	898.2533	98.97501	615.97	151.8967	0
5/4/2021	898.3859	99.635	615.7883	115.86	0
5/4/2021	897.465	100.6067	615.3117	109.8761	0
5/4/2021	897.3284	100.4022	615.4442	110.235	0
5/4/2021	897.2175	100.7433	615.965	108.7817	0
5/4/2021	898.2067	100.2013	616.9533	112.8433	0
5/4/2021	898.3394	98.62833	617.5067	113.2692	0
5/4/2021	897.675	99.635	618.2533	108.4189	0
5/4/2021	898.1533	100.5933	618.1266	110.1467	0
5/4/2021	897.2933	98.94667	617.7466	108.1533	0
5/4/2021	897.5933	99.32	617.93	127.33	0
5/4/2021	898.18	99.36	616.84	177.08	0
5/4/2021	898.85	99.69	616.17	126.95	0
5/4/2021	897.62	100.16	615.75	111.735	0
5/4/2021	897.56	99.04	615.105	108.175	0
5/4/2021	897.83	100.18	615.76	108.475	0
5/4/2021	897.62	99.88	617.11	109.87	0
5/4/2021	898.06	99.41	617.28	110.25	0
5/4/2021	898.145	100.25	617.8134	106.71	0
5/4/2021	898.06	99.69	617.67	107.32	0
5/4/2021	897.74	100.13	617.54	116.96	0
5/4/2021	898.06	100.535	617.49	111.96	0
5/4/2021	897.83	100.3933	616.4033	183.42	0
5/4/2021	898.11	100.46	615.69	157.79	0
5/4/2021	898.895	99.37333	615.07	113.48	0
5/4/2021	897.64	99.515	615.63	116.96	0
5/4/2021	898.27	100.18	614.955	110.46	0
5/4/2021	Bad	Bad	Bad	Bad	
5/4/2021	897.8734	100.56	616.6923	108.16	0
5/4/2021	897.5734	100.4867	616.8933	107.9733	0
5/4/2021	898.6266	100.4867	618.1133	116.1	0
5/4/2021	898.0133	100.5533	618.42	109.3267	0
5/4/2021	897.7133	100.5933	617.6533	108.08	0
5/4/2021	897.3867	100.78	617.4333	134.16	0
5/4/2021	897.9711	99.94222	616.88	160.3667	0
5/4/2021	897.7133	100.92	616.1933	133.2933	0
5/4/2021	897.6866	100.92	615.7933	111.74	0
5/4/2021	897.9266	101.0267	615.6467	111.8567	0

5/4/2021	897.36	101.2367	616.7433	110.76	0
5/4/2021	898.0867	101.0267	616.1533	113.0733	
5/4/2021	897.8533	101.7378	616.6467	115.0733	
5/4/2021	898.7067	101.1956	616.5466	113.4	0
5/4/2021	897.5467	101.26	616.24	109.4733	0
5/4/2021	897.5734	101.2133	616.64	111.7067	0
5/4/2021	897.3467	101.6133	616.8356	138.4867	0
5/4/2021	898.1133	101.2367	616.34	168.9533	0
5/4/2021	897.7133	100.86	615.7267	133.66	0
5/4/2021	898.1533	101.1467	615.739	112.9171	0
5/4/2021	897.39	101.1267	615.0734	112.3633	0
5/4/2021	898.2189	101.5067	615.4367	108.6511	
5/4/2021	897.405	101.1267	615.9733	110.9733	0
5/4/2021	897.4567	101.5467	616.5789	110.3533	0
5/4/2021	897.6033	101.6967	617.02	113.6467	0
5/4/2021	898.2516	101.99	617.2734	109.9867	0
5/4/2021	898.85	99.85667	617.02	116.9533	0
5/4/2021	897.9033	101.8	617.3834	152.0433	0
5/4/2021	898.41	100.89	617.26	139.6533	0
5/4/2021	897.39	102.0567	615.9675	114.68	0
5/4/2021	897.75	101.2933	616.08	109.58	0
5/4/2021	897.6434	102.2033	616.28	117.9067	0
5/4/2021	898.5934	101.2522	616.5367	117.35	0
5/4/2021	897.46	100.7433	616.82	115.0433	
5/4/2021	898.1733	101.2533	617.6633	111.05	0
5/4/2021	899.2534	100.5967	617.2033	110.24	0
5/4/2021	897.31	100.375	618.17	113.9067	0
5/4/2021	897.8483	100.26	618.1533	134.1133	0
5/4/2021	897.275	100.5567	617.0367	154.3867	0
5/4/2021	897.7534	100.81	616.5317	124.1333	0
5/4/2021	898.1567	101.2933	616.41	118.4133	0
5/4/2021	898.0467	101.3267	615.8267	115.15	0
5/4/2021	897.9733	100.5533	616.1533	110.39	0
5/4/2021	897.7933	100.9725	615.81	109.21	0
5/4/2021	898.8734	101.1033	615.7833	110.31	0
5/4/2021	898.22	102.52	615.42	110.98	
5/4/2021	898.46	100.98	616.23	116.28	0
5/4/2021	898.04	102.36	616.14	115.42	0
5/4/2021	897.72	102.72	616.24	167.26	0
5/4/2021	897.58	102.82	615.28	133.76	0
5/4/2021	898.08	102.43	615.46	118.12	0
5/4/2021	898.32	101.72	615.34	115.82	0
5/4/2021	897.97	102.46	615.24	107.42	0
5/4/2021	898.48	102.07	615.96	107.675	0
5/4/2021	897.58	101.94	616.14	109.56	0
5/4/2021	898.76	101.92	617.18	109.26	0
5/4/2021	897.48	100.94	616.14	114.82	0

5/4/2021	898.82	100.96	616.18	114.1	
5/4/2021	899.08	102.04	615.98	156.52	
5/4/2021	898.9	101.92	615.24	132.12	
5/4/2021	899.22	104.4	614.92	109.24	
5/4/2021	898.08	93.16	613.82	111.46	0
5/4/2021	900.74	125.26	614.75	120.46	0
5/4/2021	900.9	125.68	615.82	108.52	0
5/4/2021	906.18	101.54	616.36	108.62	0
5/4/2021	898.22	105.34	618.62	107.96	0
5/4/2021	899.33	104.08	617.84	111.56	0
5/4/2021	899.22	111.7	617.78	111.78	0
5/4/2021	899.06	72.05	617.38	149.92	0
5/4/2021	892.6334	104.1433	616.7833	147.9067	
5/4/2021	898.3367	122.7633	616.4933	111.3467	0
5/4/2021	893.24	106.9233	616.5967	112.7733	0
5/4/2021	885.5867	96.88333	616.4867	109.7633	0
5/4/2021	881.4867	106.4067	617.1867	108.3133	0
5/4/2021	899.0533	109.6167	616.505	111.19	0
5/4/2021	898.6166	104.2167	617.2167	112.3267	0
5/4/2021	899.1467	104.0367	618.28	117.09	0
5/4/2021	889.4433	129.81	618.2933	109.0867	0
5/4/2021	900.4133	105.6033	618.0867	152.9067	0
5/4/2021	899.2534	125.23	617.2133	155.68	0
5/4/2021	894.0467	103.65	616.1433	123.5067	0
5/4/2021	898.8033	105.4933	617.6033	114.9267	
5/4/2021	899.4933	104.3333	617.6166	118.4767	0
5/4/2021	901.8167	105.4267	617.0067	112.3867	0
5/4/2021	898.8683	106.8633	616.9933	116.99	0
5/4/2021	899.5927	105.1086	618.5057	113.5514	0
5/4/2021	899.3867	101.9467	619.4067	121.9733	0
5/4/2021	897.5634	100.76	618.1433	109.4267	0
5/4/2021	894.58	103.4	619.4572	110.4657	0
5/4/2021	898.9067	103.0867	617.98	166.2733	0
5/4/2021	898.0467	91.55333	617.0533	129.4333	0
5/4/2021	892.5667	115.8867	616.5667	117.7533	0
5/4/2021	898.7466	110.8267	616.3933	124.9067	0
5/4/2021	898.7067	103.4	616.1266	112.44	
5/4/2021	897.9933	105.3067	616.2733	107.5467	0
5/4/2021	901.3466	104.1533	616.9733	110.5533	0
5/4/2021	898.7733	108.04	617.3467	111.3933	0
5/4/2021	896.9467	125.42	617.08	115.4467	0
5/4/2021	893.4667	106.24	617.4666	110.8467	0
5/4/2021	896.8156	105.4533	616.4555	160.5533	0
5/4/2021	899.2933	101.0867	615.2267	130.3533	0
5/4/2021	897.7	79.70667	615.4867	126.4067	0
5/4/2021	898.8267	103.6933	614.92	110.3867	0
5/4/2021	898.54	102.5933	615.6133	113.96	0

5/4/2021	894.4333	84.48	616.7733	111.9467	0
5/4/2021	897.44	105.14	617.14	111.6533	
5/4/2021	898.58	104.1467	617.0933	115.5533	
5/4/2021	895.28	112.7867	617.78	108.7533	
5/4/2021	898.4523	103.15	617.6862	105.18	
5/4/2021	901.1	108.33	617.26	194.37	0
5/4/2021	898.9467	106.92	616.9067	146.6933	0
5/4/2021	909.57	110.84	616.1473	122.08	0
5/4/2021	899.28	107.39	617.31	108.54	0
5/4/2021	889.93	106.185	616.71	109.75	0
5/4/2021	898.06	106.22	617.52	105.44	0
5/4/2021	895.535	104.925	618.28	111.79	0
5/4/2021	899.94	100.85	618.91	115.35	0
5/4/2021	898.545	104.11	618.59	109.85	
5/4/2021	893.12	112.62	619.08	108.98	0
5/4/2021	898.18	107.48	619.07	108.21	0
5/4/2021	898.72	106.13	618.16	160.97	0
5/4/2021	898.18	118.17	617.855	133.28	0
5/4/2021	902.535	100.04	616.98	114.98	0
5/4/2021	886.59	105.19	616.03	112.61	0
5/4/2021	902.28	91.83	616.9366	108.8267	0
5/4/2021	900.045	101.4733	617.9517	104.9183	0
5/4/2021	903.6017	102.9067	618.3734	111.6758	0
5/4/2021	901.695	101.5858	618.215	112.8033	0
5/4/2021	898.45	104.4983	618.785	109.1383	0
5/4/2021	899.2217	103.8017	619.0634	112.0033	
5/4/2021	898.87	113.0467	618.385	179.875	0
5/4/2021	898.4757	105.2114	617.115	144.255	0
5/4/2021	905.0783	104.3383	616.7033	114.8633	0
5/4/2021	898.2617	104.7233	616.535	117.1383	0
5/4/2021	900.2317	102.62	615.9966	107.83	0
5/4/2021	900.1189	102.6683	615.4417	109.255	0
5/4/2021	899.0867	118.3433	616.9716	111.6125	0
5/4/2021	899.5817	105.8133	618.0867	109.3633	0
5/4/2021	900.3066	105.3658	619.1033	107.6233	0
5/4/2021	902.6017	116.8083	618.0034	111.72	0
5/4/2021	901.2125	104.5067	619.2967	109.0617	0
5/4/2021	898.8308	106.7067	619.635	157.1408	
5/4/2021	900.8617	105.9933	618.1833	129.9633	0
5/4/2021	899.9433	102.005	617.4966	110.3683	0
5/4/2021	900.655	106.1967	617.1934	112.5683	0
5/4/2021	904.885	98.055	618.5967	122.4533	0
5/4/2021	899.87	104.8933	618.4539	110.525	0
5/4/2021	893.4483	107.2617	619.32	110.635	0
5/4/2021	901.7308	105.1483	619.6967	108.5308	0
5/4/2021	900.2683	108.155	619.9484	107.6233	0
5/4/2021	902.0583	110.0883	619.1033	113.97	0

5/4/2021	901.4433	105.4383	619.5656	156.7233	0
5/4/2021	900.7256	107.2383	618.8383	146.9933	0
5/4/2021	899.2643	107.9829	618.9011	120.0983	0
5/4/2021	900.345	106.76	618.935	112.515	0
5/4/2021	907.305	105.73	619.32	116.33	
5/4/2021	901.655	106.815	618.945	115.8225	
5/4/2021	899.2275	106.745	620.18	111.02	0
5/4/2021	900.115	105.87	621.0425	109.1975	0
5/4/2021	898.86	105.2775	620.885	112.895	0
5/4/2021	899.14	105.675	621.59	114.93	0
5/4/2021	899.6888	105.015	620.2175	114.85	0
5/4/2021	899.84	104.245	620.23	166.355	0
5/4/2021	900.22	104.44	620.29	138.065	0
5/4/2021	899.84	105.5313	620.24	119.27	0
5/4/2021	898.4225	106.06	620.37	117.97	0
5/4/2021	898.985	106.01	620.16	110.775	0
5/4/2021	898.74	104.945	620.03	110.475	0
5/4/2021	898.985	105.155	620.63	107.845	0
5/4/2021	899.98	104.245	621.119	112.245	0
5/4/2021	899.645	104.56	620.495	112.26	0
5/4/2021	899.245	104.315	620.9175	108.84	0
5/4/2021	899.455	104.1064	621.46	157.895	0
5/4/2021	898.69	105.2682	620.805	160.26	0
5/4/2021	899.26	104.84	619.925	121.42	0
5/4/2021	898.475	105.275	619.7775	110.305	0
5/4/2021	898.72	105.19	619.33	110.185	0
5/4/2021	897.8483	105.8733	619.8041	116.3233	0
5/4/2021	898.9266	104.2017	620.01	113.8242	0
5/4/2021	899.2534	104.8283	621.31	110.7717	0
5/4/2021	898.8716	105.2717	622.1716	109.1492	0
5/4/2021	898.1422	104.5017	621.6917	111.5567	0
5/4/2021	897.7017	105.5467	621.6733	111.3642	0
5/4/2021	897.13	104.7517	621.635	163.8017	0
5/4/2021	898.349	104.5017	620.59	137.1533	0
5/4/2021	898.4717	104.3733	619.5267	113.8483	0
5/4/2021	898.8716	103.5267	619.4367	108.9992	0
5/4/2021	898.4717	104.055	618.6284	108.6267	0
5/4/2021	898.545	103.2733	619.7267	111.7467	0
5/4/2021	897.7017	103.4717	619.7633	112.8983	0
5/4/2021	898.7983	103.0717	620.045	110.9733	0
5/4/2021	898.9359	103.145	619.3633	109.8367	0
5/4/2021	898.0009	102.3017	619.0817	114.1967	0
5/4/2021	897.8483	103.3983	618.3917	169.5883	0
5/4/2021	898.9933	102.4933	616.9916	163.43	0
5/4/2021	898.3116	102.1183	615.7475	123.9783	0
5/4/2021	898.2728	103.4592	615.405	111.9567	0
5/4/2021	897.5067	102.1133	614.7966	108.3133	0

5/4/2021	898.9817	102.8933	614.9344	112.695	0
5/4/2021	898.2933	102.8978	615.2983	112.6517	0
5/4/2021	897.5183	102.1133	616.305	109.7817	0
5/4/2021	897.9067	102.095	616.2933	110.2117	0
5/4/2021	897.8933	102.4933	616.4867	107.7592	0
5/4/2021	898.2441	102.095	615.605	116.4367	
5/4/2021	898.595	101.805	614.8066	178.2967	
5/4/2021	898.2933	101.8628	613.495	150.5867	0
5/4/2021	897.2233	101.0183	612.2441	114.1567	0
5/4/2021	898.2817	102.1067	611.9067	114.7708	0
5/4/2021	898.2441	102.0883	610.8066	118.5633	0
5/4/2021	897.5133	102.095	612.395	108.7067	0
5/4/2021	898.3116	100.3367	613.1967	107.1883	0
5/4/2021	897.9117	102.3644	613.3934	109.0683	0
5/4/2021	897.5067	102.0883	613.2117	106.5183	0
5/4/2021	898.2966	102.1067	613.4017	113.07	0
5/4/2021	898.9933	101.6689	613.015	111.5883	0
5/4/2021	897.9037	102.4933	612.6033	176.905	0
5/4/2021	898.18	101.74	611.5825	142.34	0
5/4/2021	898.1975	101.12	611.245	119.04	0
5/4/2021	898.435	102.328	611.425	110.695	0
5/4/2021	897.84	101.075	611.47	110.9525	0
5/4/2021	898.8875	102.199	611.755	106.665	0
5/4/2021	897.56	101.12	613.365	106.945	0
5/4/2021	898.24	101.74	612.52	109.365	0
5/4/2021	897.5825	101.74	614.44	112.435	0
5/5/2021	898.3025	101.4675	614.21	108.73	0
5/5/2021	898.66	102.055	614.21	111.24	0
5/5/2021	898.405	101.906	613.83	148.24	0
5/5/2021	898.5475	102.045	613.19	153.59	0
5/5/2021	898.355	102.515	612.665	121.915	0
5/5/2021	898.355	102.39	612.935	111.875	0
5/5/2021	898.145	102.115	612.835	110.9	0
5/5/2021	897.76	102.24	612.87	114.39	0
5/5/2021	898.02	102.185	614.6013	113.085	0
5/5/2021	898.04	102.76	615.1225	109.225	0
5/5/2021	897.78	102.152	615.775	113.885	0
5/5/2021	898.145	102.38	616.73	114.06	0
5/5/2021	898.215	102.62	615.96	112.505	0
5/5/2021	897.76	102.62	616.17	152.62	0
5/5/2021	897.76	103.46	615.5237	164.66	0
5/5/2021	897.3517	102.0275	614.955	121.39	0
5/5/2021	898.495	102.62	614.23	110.1575	0
5/5/2021	897.76	102.5442	614.555	109.59	0
5/5/2021	898.4991	102.3322	615.5717	115.1017	0
5/5/2021	897.4017	102.6283	616.1367	111.5967	0
5/5/2021	898.0578	102.0858	617.29	109.1983	0

5/5/2021	898.0634	102.4267	618.0616	108.9967	0
5/5/2021	897.9733	103.0717	618.5367	110.0533	0
5/5/2021	897.8755	102.5733	617.9367	114.695	0
5/5/2021	897.7717	102.3717	617.9366	111.2483	0
5/5/2021	898.1761	102.6633	617.0734	180.4083	0
5/5/2021	897.5734	103.325	616.6225	133.89	0
5/5/2021	897.2642	103.0717	616.0283	113.7725	
5/5/2021	897.4858	101.9283	616.145	111.175	
5/5/2021	897.5734	101.7267	616.1761	110.7992	0
5/5/2021	897.4017	101.9283	616.065	109.0267	0
5/5/2021	897.2817	101.4767	617.6384	109.6717	0
5/5/2021	897.3284	102.9142	618.21	112.6567	0
5/5/2021	897.6467	102.5517	618.465	108.9967	0
5/5/2021	897.445	102.6008	618.39	107.4994	0
5/5/2021	897.5734	102.9983	617.8834	112.3542	0
5/5/2021	897.3775	102.1733	617.0367	170.9883	0
5/5/2021	897.4725	101.4733	616.1367	144.285	0
5/5/2021	897.0422	103.0225	615.8633	116.1342	0
5/5/2021	897.9733	102.6633	615.235	111.0283	0
5/5/2021	897.8267	102.1733	614.9467	110.9517	0
5/5/2021	897.3716	102.4756	616.2325	109.2283	0
5/5/2021	897.775	102.2467	616.4283	113.83	0
5/5/2021	897.2275	102.5733	617.49	115.5167	0
5/5/2021	897.45	102.3833	617.7333	107.6333	0
5/5/2021	896.6292	103.025	617.6277	108.85	0
5/5/2021	896.9166	101.3167	617.4917	126.55	0
5/5/2021	897.3384	101.4	615.9572	161.6429	0
5/5/2021	896.9166	101.6667	615.6652	125.5	0
5/5/2021	897.0667	100.8167	615.8417	111.05	107.7973633
5/5/2021	897.0917	101.3667	615.6166	116.55	107.0331955
5/5/2021	898.1166	101.7667	615.15	127.7333	107.7758942
5/5/2021	897.9667	101.3333	616.6333	124.2167	106.9345779
5/5/2021	897.4572	102.4	617.575	126.8833	106.811615
5/5/2021	897.3384	101.7579	618.2846	127.1857	107.1732864
5/5/2021	897.4333	101	619.6	125.6	106.985405
5/5/2021	897.2	101.75	619	127.4	106.8075485
5/5/2021	897.5	102.5	618.5	130.3	107.2389145
5/5/2021	897.9	102.1	618.1	203.9	107.4061737
5/5/2021	896.8	102.5	616.3	157.1	107.5470047
5/5/2021	897.5	102.5	616.1	131.1	107.5169754
5/5/2021	897.2	102.1	616.8	128.3	106.6676025
5/5/2021	897.5	102.9	616.0333	126.7	107.2763596
5/5/2021	896.8	102.3	616.5	123	106.3944702
5/5/2021	897.5	101.75	617	127	106.2938995
5/5/2021	897.2	102.5	617.4	126.3	106.6166992
5/5/2021	896.8	102.1	619	127	107.1086502
5/5/2021	897.5	102.7	618.3	128.9	105.6349335

5/5/2021	896.8	102.9	617.9	126.3	106.8889236
5/5/2021	898.3	102.5	617.9	193.7	106.5445557
5/5/2021	897.35	102.15	616.1	159.6	106.3110809
5/5/2021	897.2	102.5	616.3	131.4	106.0871353
5/5/2021	896.4	101.4	615.7	130.3	107.2518845
5/5/2021	895.7	101.55	616.2333	125.9	107.2835999
5/5/2021	897.5	103.2	616.3	124.1	107.2835999
5/5/2021	897.2	102.85	616.6	127	
5/5/2021	897.35	101.4	618.3	127.4	
5/5/2021	896.4	102.1	617.6	126.7	105.9263
5/5/2021	896.8	102.15	618.1	130.7	106.4351273
5/5/2021	897.5	104	618.3	130	106.662468
5/5/2021	897.5	101.8	618.1	176.5	106.7287369
5/5/2021	896.4	101.4	616.1	150.5	106.3578186
5/5/2021	896.8	103.2	616.45	129.6	107.0761795
5/5/2021	898.3	102.9	615.6	129.2	107.3728638
5/5/2021	897.5	102.9	616.1	126.3	106.558197
5/5/2021	896.4	102.5	617.4	124.5	
5/5/2021	897.2	102.5	617.9	126.7	107.4099045
5/5/2021	896.3333	101.7	618.1	126.3	107.2245331
5/5/2021	896.4333	101.975	617.9667	125.9667	107.6484299
5/5/2021	897.7167	101.925	617.7167	130.1833	107.3179245
5/5/2021	897.9584	100.8167	616.5167	147.75	106.9448547
5/5/2021	897.9583	101.9833	616.4667	173.9333	105.6767578
5/5/2021	897.6833	100.725	616.0722	136.5667	105.6246719
5/5/2021	898.8444	99.71667	615.7333	130.175	105.4449387
5/5/2021	898.2778	101.65	615.6833	128.9167	105.0988464
5/5/2021	898.0111	102.8333	616.35	126.5667	104.4835434
5/5/2021	898.8167	103.4833	616.6333	125.2667	105.1850433
5/5/2021	898.35	102.7917	617.9833	126.0333	
5/5/2021	898.3083	104.4833	617.8834	127.4833	104.3394241
5/5/2021	898.7833	104.2917	617.9333	126.9333	104.3289413
5/5/2021	898.325	103.8667	618.0333	130.05	104.9276505
5/5/2021	898.55	104.9333	617.6083	184.2	104.3999329
5/5/2021	898.4833	104.6056	616.55	155.5	105.38871
5/5/2021	898.0167	105.7333	616.5722	129.9111	104.0981293
5/5/2021	898.9667	104.3667	616.4833	130.4833	104.8445282
5/5/2021	898.6	105.1083	616.9	127.9167	104.4107971
5/5/2021	898.7333	104.3667	617.38	126.2333	104.4107971
5/5/2021	899.1167	104.9917	618.4667	126.7	104.5438232
5/5/2021	899.4667	106.4722	619.1	126.95	104.7853241
5/5/2021	898.475	105.7417	619.1333	128.4722	
5/5/2021	899.65	106.3167	619.4667	129.6333	105.596489
5/5/2021	898.1166	107.1167	618.9667	146.6167	103.9227524
5/5/2021	898.0538	107.8857	618.7857	172.6	104.0484238
5/5/2021	898.0333	106.7333	618.0667	142.2667	104.4333649
5/5/2021	898.7333	107.2333	617.4667	130.7333	104.6434708

5/5/2021	898.8167	106.7857	616.9692	128.3462	104.2501297
5/5/2021	900.6	119.8	616.9667	126.6667	104.1971817
5/5/2021	900.6	101.6	618.3667	125.0667	103.9040527
5/5/2021	872.5333	107.1222	618.6	128.1667	103.9040527
5/5/2021	902.9	106.2667	618.7222	126.6333	104.315567
5/5/2021	893.2333	108.2	618.3666	128.4556	104.2644653
5/5/2021	900.1334	107.7	618.4333	132.3	
5/5/2021	899.5	104.7	618.1667	172.1	
5/5/2021	894.3333	106.6	617.5333	151.9333	
5/5/2021	901.0667	107.6333	617.3667	132.4	
5/5/2021	899.1	107.2667	617.4667	129.2333	104.1222305
5/5/2021	898	109.2833	617.8334	128.1333	103.8034134
5/5/2021	899.1	107.3333	618.6667	125.3333	103.4768066
5/5/2021	902.4	107.6	619.2833	126.7667	102.8772812
5/5/2021	901.8	109.0333	618.5667	128.6333	102.7573013
5/5/2021	898.6667	108.5667	618.4333	129.1	102.8339157
5/5/2021	898.5	106.6333	618.2333	128.4667	102.8339157
5/5/2021	898.7667	106.7667	617.2667	163.8667	102.8545914
5/5/2021	903.6334	106.4	616.4333	167.6667	
5/5/2021	903.0667	114.9667	615.3333	134.3667	103.1217804
5/5/2021	898.8666	109.3	615.4667	130.4667	102.3355637
5/5/2021	895.5667	115.3333	615.0667	130.2	102.8282242
5/5/2021	899.8667	112.3333	614.7333	124.5667	102.1848907
5/5/2021	903.1334	101.6667	615.2667	126.1167	102.3808136
5/5/2021	898.5	113.7	616.1667	127.2667	102.202713
5/5/2021	899.1334	109.8333	615.9667	128.2667	101.5070724
5/5/2021	907.4	117.8667	616.2333	128.7333	101.5070724
5/5/2021	905.3666	115.6667	616.5333	128.7667	101.4501572
5/5/2021	898.4	94.56667	615.7667	168.7333	101.8187027
5/5/2021	897.7667	110.8	615.6	141.9333	101.2729492
5/5/2021	901.3333	102.5	615.0667	128.3667	
5/5/2021	907.8667	114.8333	614.7333	131.0333	101.13414
5/5/2021	894.6	111.5333	615.2667	129.1	100.908493
5/5/2021	898.8666	112.1	615.9667	126.3333	101.5414963
5/5/2021	898.9667	112.6333	616.5167	118.2333	101.1740875
5/5/2021	898.8666	109.9333	616.5	128.6	101.8578033
5/5/2021	909.25	111.1	616.35	129.25	100.6852036
5/5/2021	898.45	102.45	616.4	128.9375	100.3937454
5/5/2021	890.8	112.2	617.3	165.85	101.012207
5/5/2021	891.7	109.6	615.3	158.55	100.040863
5/5/2021	899.35	118.45	615.1	130.9	100.3068314
5/5/2021	898.7	112.9	615.3	130.725	99.7931366
5/5/2021	901.4	111.8	615.1	128.525	
5/5/2021	899.35	111.45	614.95	123.75	99.85076141
5/5/2021	893.5	113.1	615.4	127.05	100.0087357
5/5/2021	894.4	110	616.25	126.3	100.2160568
5/5/2021	899.9	110.9	616.2	129.6	100.1985474

5/5/2021	888.95	109.6	616.45	129.8	99.95295715
5/5/2021	898.45	105.25	617.1	154.3	100.1702576
5/5/2021	898.8	111.25	616.525	163.8	99.49564362
5/5/2021	890.75	111.45	615.5	139.65	99.84275818
5/5/2021	896.25	112.15	615.85	131.05	99.59502411
5/5/2021	900.65	112.1	615.55	130.9	99.95256805
5/5/2021	908	105.45	615.8	125.55	99.70005798
5/5/2021	899.95	112.975	615.8	125.4	
5/5/2021	902.5	114.4	616.36	125.55	
5/5/2021	899.75	109.6	616.275	125	
5/5/2021	900.85	111.85	616.55	129.6	
5/5/2021	898.1	116.55	617.2	129.5	99.8756485
5/5/2021	890.25	109.8	615.75	169.9	99.14326477
5/5/2021	900.65	111.275	615.9	153.6	99.71456146
5/5/2021	903.75	111	615.55	136.5	99.24687958
5/5/2021	899	109.3	615.1	128.85	99.85181427
5/5/2021	899.35	118.4	615.2	128.3	98.79483032
5/5/2021	892.95	110.7	615.65	124.4	98.79483032
5/5/2021	900.9333	111.5	614.4333	125.5667	99.21819305
5/5/2021	904.2667	91.16666	616.8333	127.6333	
5/5/2021	905.7333	112.6	616.55	127.9	99.22563171
5/5/2021	892.9	108.4333	616.7	128.4	99.15991211
5/5/2021	899.1	111.3667	617.7667	162.2667	98.89592743
5/5/2021	899.5	113.8333	616.8666	161.3	99.13661957
5/5/2021	896.8334	106.4	615.8	139.1	99.02312469
5/5/2021	900.8666	112.4667	615.9333	126.6667	99.25427246
5/5/2021	900.6	112.8333	615.7333	129.1	99.35512543
5/5/2021	894.6333	112.1	615.0667	127.3667	99.27924347
5/5/2021	900.2466	118.9833	616.6583	123.9533	98.77994537
5/5/2021	902.7783	105.5833	616.595	126.355	97.96951294
5/5/2021	899.7484	112.9533	616.6317	126.4367	97.52567291
5/5/2021	899.9733	109.4467	616.8633	127.895	
5/5/2021	903.16	113.9433	616.7366	124.4133	98.32305908
5/5/2021	899.8784	115.0433	617.0734	161.6533	97.60945129
5/5/2021	900.7933	113.0483	615.695	152.6283	98.43273926
5/5/2021	900.4483	113.175	615.3425	131.5983	98.96292114
5/5/2021	901.3466	106.335	616.3608	129.8217	97.94867706
5/5/2021	901.33	113.3733	616.4366	129.1217	98.21076965
5/5/2021	899.3283	112.5975	615.4567	125.2517	97.85015106
5/5/2021	899.7759	112.055	617.095	126.85	98.63236237
5/5/2021	902.0983	112.9533	618.0366	127.2733	99.06820679
5/5/2021	900.725	114.6233	618.5734	127.1608	97.94517517
5/5/2021	899.925	113.275	618.0254	129.1561	97.94517517
5/5/2021	901.15	115.195	618.535	133.94	
5/5/2021	899.865	113.53	617.445	162.335	99.2322998
5/5/2021	899.165	116.79	617.155	145.32	99.19095612
5/5/2021	901.14	108.78	615.715	129.765	98.73516846

5/5/2021	900.83	111.05	616.105	128.4117	99.45951843
5/5/2021	904.12	122.895	614.585	127.995	99.41784668
5/5/2021	900.755	108.765	615.26	125.855	98.49698639
5/5/2021	901.315	114.15	615.34	125.645	97.37494659
5/5/2021	900.16	118.64	615.57	126.805	96.40694427
5/5/2021	907.465	113.635	614.925	129.1475	96.17152405
5/5/2021	900.44	112.34	614.44	128.7975	94.98944855
5/5/2021	900.16	113.5025	613.53	167.625	95.21430206
5/5/2021	899.595	114.095	613.23	146.54	95.91612244
5/5/2021	900.12	115.835	612.66	129.11	95.91612244
5/5/2021	900.38	114.315	611.67	129.54	
5/5/2021	903.78	112.65	612.5125	131.97	
5/5/2021	899.445	114.48	613.445	123.565	95.94703674
5/5/2021	902.475	114.095	613.105	129.375	96.65097809
5/5/2021	900.205	111.795	613.87	128.78	96.8065033
5/5/2021	899.67	122.73	613.935	128.99	97.00950623
5/5/2021	900.04	111.435	613.585	130.64	96.98696136
5/5/2021	899.445	106.075	613.075	142.905	97.79043579
5/5/2021	900.325	109.475	612.7325	166.265	97.41462708
5/5/2021	902.0172	111.8071	612.3777	141.5371	96.86602783
5/5/2021	900.5117	111.595	611.7034	131.3946	97.63604736
5/5/2021	900.4867	111.6133	612.4983	128.1317	97.58485413
5/5/2021	900.5117	112.4092	612.305	126.7183	97.10759735
5/5/2021	900.4933	112.7033	612.1116	124.8133	97.59166718
5/5/2021	899.4117	112.4233	613.8934	128.905	98.27254486
5/5/2021	899.405	112.8967	614.6033	129.2789	97.31007385
5/5/2021	899.7183	113.6983	614.5084	125.5558	98.16688538
5/5/2021	898.6066	114.7525	614.8066	128.875	97.92984772
5/5/2021	899.6942	114.5967	614.2966	176.4183	98.57095337
5/5/2021	898.9883	113.5117	613.3694	161.1667	98.34143066
5/5/2021	900.1067	112.5083	612.99	139.21	97.5446701
5/5/2021	897.9183	113.4867	612.6066	129.4592	98.26651001
5/5/2021	900.0941	112.9592	613.19	128.1067	98.31388092
5/5/2021	899.405	113.5058	612.6033	124.5117	98.35997009
5/5/2021	897.9301	113.7975	614.0966	126.0967	98.78263855
5/5/2021	898.9883	113.8183	614.6655	126.8475	98.28625488
5/5/2021	898.9933	114.1933	614.595	126.7117	99.17673492
5/5/2021	900.0933	112.3867	614.305	124.5092	99.45002747
5/5/2021	897.8727	112.6294	614.7983	130.2767	99.94593811
5/5/2021	898.3025	111.6133	613.91	141.4733	98.78731537
5/5/2021	899.0394	110.9117	613.205	172.21	99.65537262
5/5/2021	898.975	112.3933	612.705	141.4283	99.45888519
5/5/2021	897.9067	111.305	612.2966	128.6967	100.5304489
5/5/2021	899.1984	112.125	612.2633	128.13	99.73453522
5/5/2021	899.0734	111.4717	612.6716	127.0733	99.52871704
5/5/2021	899.455	110.0017	612.8367	123.7733	100.4388275
5/5/2021	898.8367	111.5679	613.3906	127.9717	100.0088425

5/5/2021	899.1984	111.9358	613.7817	127.4733	100.3853531
5/5/2021	898.6733	110.8267	613.3267	124.6225	100.6330109
5/5/2021	898.2267	111.1017	613.455	128.6983	100.7434616
5/5/2021	898.9266	110.8267	613.6633	126.63	100.714325
5/5/2021	898.8016	111.8717	613.1284	191.6867	101.414238
5/5/2021	899.3267	110.9733	611.9917	152.4867	101.2038956
5/5/2021	899.3267	110.7717	612.19	130.4983	101.5651321
5/5/2021	898.4283	110.9733	611.7545	128.5733	101.3267136
5/5/2021	898.5016	110.5733	611.6633	125.6033	101.0432739
5/5/2021	898.6733	110.2142	612.5042	124.1733	100.5800552
5/5/2021	897.9244	110.9733	613.0734	127.3633	
5/5/2021	899.455	110.4017	613.8616	125.9733	
5/5/2021	899.125	110.3283	613.7733	125.5267	
5/5/2021	899.9625	111.1533	613.9367	128.2467	102.2023926
5/5/2021	898.86	110.57	613.455	127.9483	101.8403778
5/5/2021	898.3525	110.2525	613.395	179.895	101.1652145
5/5/2021	898.285	110.395	612.0425	165.335	101.1803207
5/5/2021	898.79	111.523	612.1349	133.06	101.6302414
5/5/2021	898.755	110.885	611.785	129.1475	101.4086838
5/5/2021	897.64	109.94	611.91	127.995	101.1492081
5/5/2021	898.74	110.655	612.04	123.8733	101.2255325
5/5/2021	898.875	110.2525	612.365	125.775	101.5481644
5/5/2021	898.355	110.3225	612.235	126.375	101.3665314
5/5/2021	898.215	110.3775	611.96	125.795	101.5352249
5/5/2021	898.8938	110.2975	611.455	128.1033	101.1888199
5/5/2021	898.74	109.66	611.395	128.745	100.8462067
5/5/2021	898.74	109.925	611.325	182.37	100.6685257
5/5/2021	899.455	111.16	609.685	173.91	101.1602249
5/5/2021	898.545	110.8133	609.3433	137.025	101.4039154
5/5/2021	898.495	110.185	609.0525	129.39	101.5669022
5/5/2021	898.93	109.93	609.44	127.905	102.109169
5/5/2021	898.02	110.76	609.665	124.5488	102.0005875
5/6/2021	898.755	109.2283	610.165	126.04	102.1841812
5/6/2021	898.545	111.215	611.57	127.54	101.6818466
5/6/2021	897.77	111.23	612.205	125.845	101.9402695
5/6/2021	897.3925	110.06	611.9233	127.995	101.87957
5/6/2021	898.3775	110.345	611.7967	128.9377	103.3195114
5/6/2021	898.1066	109.9683	611.8033	135.7875	103.2746964
5/6/2021	899.2067	110.3317	611.055	190.4733	102.8252945
5/6/2021	898.225	111.0933	609.9966	152.2033	102.7668533
5/6/2021	898.5225	110.6342	609.5967	130.47	102.4312515
5/6/2021	899.3617	110.6158	609.3967	129.7683	103.2262192
5/6/2021	898.4128	110.3517	609.5067	126.1317	102.8873596
5/6/2021	898.8192	110.355	610.6317	124.425	102.7571411
5/6/2021	898.8317	110.1356	610.9933	127.3867	102.6200485
5/6/2021	898.455	107.0917	612.0034	112.4725	102.6039581
5/6/2021	898.2383	106.7842	611.9966	119.1917	102.7134476

5/6/2021	898.455	107.1225	611.8033	112.9067	102.4598999
5/6/2021	898.1067	106.9775	611.5317	115.6633	102.4909821
5/6/2021	898.1967	106.7658	611.81	188.73	102.4909821
5/6/2021	897.7658	106.6808	610.0209	150.0417	102.3594131
5/6/2021	897.7192	107.5867	609.9584	121.355	102.5234985
5/6/2021	898.6517	106.9033	609.7634	110.4217	102.9906921
5/6/2021	898.1216	106.4217	609.6367	111.1767	102.7534561
5/6/2021	898.1633	105.93	610.0483	110.77	102.3618164
5/6/2021	897.9967	105.0383	611.045	113.9933	102.8576355
5/6/2021	898.625	105.6192	612.245	111.8067	102.9306717
5/6/2021	897.7308	105.4617	613.2967	109.255	103.3086319
5/6/2021	898.4975	105.5267	612.6534	111.2517	103.3086319
5/6/2021	898.0466	104.7517	612.8734	108.205	
5/6/2021	897.6433	105.305	613.1367	128.6117	
5/6/2021	898.7783	104.8053	611.4266	183.1583	102.8314362
5/6/2021	897.6317	105.0483	610.8245	129.5833	103.569397
5/6/2021	897.8683	104.8467	610.4633	116.1983	103.087616
5/6/2021	897.8367	104.3517	609.7634	112.3758	104.3908157
5/6/2021	897.295	104.9733	610.4633	110.1483	103.0955658
5/6/2021	897.421	103.8967	610.7266	115.375	103.7235947
5/6/2021	897.2783	104.9733	612.1633	112.8983	103.3829041
5/6/2021	898.0267	104.2392	612.8683	108.3517	103.1998138
5/6/2021	897.4217	104.5633	612.9366	114.4392	103.1421356
5/6/2021	897.5422	104.4783	612.6417	122.505	104.2557297
5/6/2021	897.6266	105.305	612.915	118.255	104.2557297
5/6/2021	897.7733	104.3758	612.9467	173.5	103.3296432
5/6/2021	897.4217	104.2217	611.615	169.04	104.2390213
5/6/2021	897.7734	105.5267	611.1108	119.28	103.4674225
5/6/2021	897.7734	105.1033	611.2317	111.2517	103.4674225
5/6/2021	897.655	104.105	611.58	113.31	103.6500854
5/6/2021	897.7845	105.2533	612.4178	109.4267	104.0387802
5/6/2021	897.6733	104.7533	612.48	111.7067	103.9289551
5/6/2021	896.8933	104.1533	613.8422	116.2	103.6249466
5/6/2021	897.46	103.6533	613.8067	111.3933	103.9983521
5/6/2021	897.5267	104.0933	614.34	112.7333	104.395462
5/6/2021	897.22	104.13	614.5133	111.7067	104.377594
5/6/2021	897.8067	104.5533	614.3267	109.12	103.9697113
5/6/2021	897.2467	104.3533	614.2466	208.8267	104.0149078
5/6/2021	897.4645	103.9467	612.34	158.1667	104.7209778
5/6/2021	896.8533	103.3467	612.02	120.0133	104.3748779
5/6/2021	896.8933	104.4067	611.4067	115.8867	104.5460281
5/6/2021	897.5533	103.9733	611.2667	113.3	104.6404953
5/6/2021	897.4067	104.13	611.58	110.0933	103.8104172
5/6/2021	897.2933	102.1533	612.3134	112.5133	103.8786774
5/6/2021	897.5533	103.03	612.92	110.3867	103.8557358
5/6/2021	897.46	102.0022	614.02	110	103.4458466
5/6/2021	897.24	103.1267	613.3734	109.23	103.2209854

5/6/2021	896.8533	103.9267	613.5267	110.64	103.9250412
5/6/2021	897.8067	101.9867	612.7733	112.22	103.2400894
5/6/2021	897.8467	100.7467	613.32	189.9267	103.6153641
5/6/2021	897.9533	102.1533	611.12	152.08	103.6974182
5/6/2021	897.3867	102.7933	611.0933	111.1933	103.6519241
5/6/2021	897.46	103.1067	612.2466	110.0933	103.3745728
5/6/2021	898.2633	102.5367	611.9092	111.2771	103.0963516
5/6/2021	897.1617	102.1133	611.5367	110.8867	103.6510544
5/6/2021	897.5133	102.8956	613.885	116.4233	104.3406448
5/6/2021	897.5267	103.195	614.7033	108.3633	103.9227219
5/6/2021	897.49	103.7244	614.7933	109.86	103.6668854
5/6/2021	896.4367	103.2133	614.9833	109.05	104.5066528
5/6/2021	896.8133	103.6117	615.0067	106.5367	104.5066528
5/6/2021	896.7867	102.9367	614.1133	114.2733	
5/6/2021	896.8066	103.6133	613.5133	180.8033	
5/6/2021	896.4267	103.0817	612.3984	130.91	104.9545212
5/6/2021	897.21	103.19	611.5067	110.5633	105.588623
5/6/2021	897.21	102.4867	611.6311	110.5633	105.6720581
5/6/2021	897.7317	102.6289	611.0167	109.1233	105.5002365
5/6/2021	897.2367	102.2289	612.2933	115.2867	105.8293228
5/6/2021	897.7067	101.8233	613.4034	115.095	105.3901215
5/6/2021	897.0067	102.4867	614.2867	113.0867	105.529335
5/6/2021	897.175	102.5233	614.9833	110.5733	106.219574
5/6/2021	898.59	103.5633	614.9767	112.0125	106.219574
5/6/2021	897.8767	103.0817	614.1083	113.5078	104.7346039
5/6/2021	897.6967	102.5233	613.9067	153.74	105.1290588
5/6/2021	897.9233	102.55	613.2067	180.26	104.8641815
5/6/2021	898.2633	102.3683	612.0933	140.8933	104.7947845
5/6/2021	898.14	103.04	611.6028	142.6629	104.4366608
5/6/2021	898.52	103.06	612.06	132.36	104.7072525
5/6/2021	897.76	102.48	611.62	113.18	104.0280685
5/6/2021	898.22	103.14	612.48	120.66	102.9053879
5/6/2021	898.46	102.4	612.96	111.9	103.8911743
5/6/2021	897.36	103.46	613.66	111.86	103.4647369
5/6/2021	898	104.46	613.82	108.84	102.6409454
5/6/2021	898.78	104.14	613.88	110.82	
5/6/2021	897.88	104.88	614.48	114.44	103.7765884
5/6/2021	898.12	105.24	614.42	170.06	103.4918365
5/6/2021	897.98	104.8	612.92	140.24	103.7319183
5/6/2021	898.04	104.16	612.96	114.32	103.7995987
5/6/2021	897.255	104.46	612.96	111.36	103.5915451
5/6/2021	897.76	105.32	612.44	109.4	102.6934357
5/6/2021	898.26	105.24	613.3	111.36	102.844223
5/6/2021	898.32	104.78	614.54	110.42	103.0258636
5/6/2021	898.4133	104.16	615.22	115.96	103.1291733
5/6/2021	899.1	105.24	615.74	110.66	103.2892075
5/6/2021	898.0258	106.28	615.3372	113.6657	103.4696808

5/6/2021	897.2433	104.2567	615.0734	109.1033	103.4696808
5/6/2021	898.1567	104.0033	615.3834	194.9167	103.4696808
5/6/2021	898.5566	104.9733	614.4266	154.5367	102.5722122
5/6/2021	898.41	105.5467	613.7167	112.0033	104.1166306
5/6/2021	897.4392	105.9467	613.8267	111.2944	103.1811905
5/6/2021	898.5967	106.0567	614.08	111.3433	102.8321762
5/6/2021	898.0067	105.6533	614.4811	115.15	101.9421768
5/6/2021	898.41	105.3933	615.1266	116.6833	102.6144714
5/6/2021	899.2167	109.2833	616.1533	108.5533	102.9741211
5/6/2021	902.04	99.09	616.0267	110.6033	103.0963287
5/6/2021	900.5	101.07	616.6733	109.9867	102.8097534
5/6/2021	899.9133	107.82	616.2067	108.4467	103.0912476
5/6/2021	899.1467	114.6433	615.71	149.3733	
5/6/2021	902.8467	106.2033	615.3467	174.34	
5/6/2021	901.1633	105.9867	614.3533	131.3233	
5/6/2021	884.1133	103.1267	614.3433	112.2967	
5/6/2021	902.01	105.29	613.7534	113.1033	94.74871063
5/6/2021	898.3066	100.4833	614.1334	110.94	93.38302612
5/6/2021	899.2734	105.21	614.4583	111.8533	91.69034576
5/6/2021	915.21	105.29	614.6417	109.9467	90.13036346
5/6/2021	942.97	107.7467	614.6	110.0733	0
5/6/2021	914.6133	96.74	614.46	108.5133	0
5/6/2021	913.1067	108.4067	613.6956	111.6267	0
5/6/2021	916.7867	111	613.5933	117.2133	0
5/6/2021	917.5867	110.36	613.0067	170.4	0
5/6/2021	925.5867	112.9867	612.6266	160.22	88.78379059
5/6/2021	915.8734	114.78	611.2667	122.42	0
5/6/2021	919.2422	174.9267	611.5933	124.3533	0
5/6/2021	910.92	204.7667	611.36	115.86	88.71848297
5/6/2021	916.9333	203.06	612.52	115.2733	89.18149567
5/6/2021	924.0133	195.5667	612.3533	119.5133	90.89000702
5/6/2021	928.2533	160.8467	612.9867	115.7733	91.01147461
5/6/2021	926.42	139.36	614.0734	118.5267	90.75617981
5/6/2021	929.9867	125.2333	614.22	120.7267	90.94759369
5/6/2021	934.4933	117.0267	613.34	116.2267	90.63372803
5/6/2021	921.2933	122.7467	612.22	120.7667	89.70503998
5/6/2021	915.5733	106.4267	613.4534	180.3267	
5/6/2021	920.4133	116.4767	612.0067	144.08	88.9908371
5/6/2021	916.82	120.1	611.1067	118.3	88.10733795
5/6/2021	917.3267	209.3533	611.5133	114.2267	88.43900299
5/6/2021	926.98	236.18	611.9708	113.17	88.24067688
5/6/2021	929.12	233.66	612.885	115.96	88.37220001
5/6/2021	932.66	207.72	613.75	118.59	88.34555054
5/6/2021	935.35	153.07	613.43	111.95	88.64154053
5/6/2021	937.71	115.14	614.32	108.86	88.24306488
5/6/2021	935.18	113.16	613.62	113.14	0
5/6/2021	929.72	114.09	613.78	111.63	0

5/6/2021	924.06	122.17	612.93	127.65	0
5/6/2021	924.93	122.275	613.08	176.15	
5/6/2021	918.54	119.54	611.55	140.7	0
5/6/2021	922.96	219.8	611.29	117.21	0
5/6/2021	922.85	237.5	610.5	114.53	0
5/6/2021	928.35	215.52	611.23	115.68	0
5/6/2021	938.19	170.84	612.37	123.21	0
5/6/2021	937.87	124.65	614.07	112.49	0
5/6/2021	938.14	113.2	613.62	111.06	0
5/6/2021	929.18	121.74	614.53	111.49	0
5/6/2021	923.74	123.06	614.38	110.02	0
5/6/2021	914.27	103.82	613.07	117.27	0
5/6/2021	917.14	115.58	613.68	137.12	87.88567352
5/6/2021	915.04	177.95	613.53	160.15	
5/6/2021	919.35	232.51	612.33	128.66	
5/6/2021	927.82	219.2	612.54	112.21	
5/6/2021	928.41	173.63	612.46	115.14	
5/6/2021	932.21	133.9	613.96	125.93	94.44742584
5/6/2021	932.3134	117.0067	614.32	116.42	94.50548553
5/6/2021	930.26	118.6733	614.9067	110.7	94.84128571
5/6/2021	924.0133	115.5	616.34	112.8733	95.1357193
5/6/2021	922.2667	123.42	616.1533	115.8467	95.1357193
5/6/2021	913.7067	113.32	615.0311	114.7133	94.48322296
5/6/2021	910.1467	173.5733	615.6866	114.4933	95.23728943
5/6/2021	908.3867	200.76	616.1133	174.6867	95.2798996
5/6/2021	916.9133	192.3133	615.6334	146.9467	95.2798996
5/6/2021	924.6533	157.8933	614.56	114.0533	94.51368713
5/6/2021	921.7733	133.0467	614.1266	114.9333	95.90187073
5/6/2021	926.9067	132.24	614.6533	113.5067	96.05141449
5/6/2021	912.6067	115.3533	614.4467	110.33	95.58312988
5/6/2021	916.9667	118.6533	615.8734	109.7533	96.17723846
5/6/2021	915.96	116.1467	616.62	109.4533	95.3516922
5/6/2021	910.24	123.8267	617.3734	117.72	95.65310669
5/6/2021	911.0034	130.5933	615.98	111.9067	95.69764709
5/6/2021	908.01	190.65	616.3817	108.7817	95.6838913
5/6/2021	918.5833	217.1317	617.4208	173.8767	96.61116028
5/6/2021	920.1917	197.4017	616.765	148.2533	96.7353363
5/6/2021	926.31	166.0167	615.5675	117.99	
5/6/2021	929.735	135.415	615.8767	110.465	96.39805603
5/6/2021	930.5817	116.225	616.0533	121.2583	97.43070221
5/6/2021	927.1683	121.1033	616.43	117.8067	96.85932922
5/6/2021	921.245	125.95	616.3046	123.9114	97.54733276
5/6/2021	915.48	113.82	617.4075	111.925	97.63835907
5/6/2021	912.935	113.29	617.425	110.145	96.67295837
5/6/2021	924.72	112.41	618.31	110.18	96.88322449
5/6/2021	906.685	211.3	617.18	114.1	97.20507813
5/6/2021	912.16	245.39	617.35	114.235	97.3129425

5/6/2021	922.12	218.345	613.39	176.84	97.01911926
5/6/2021	928.625	192.49	615.655	133.755	98.4806366
5/6/2021	932.23	151.605	615.2084	120.765	
5/6/2021	934.2	130.355	615.53	125.31	98.29042816
5/6/2021	923.885	122.445	616.5237	122.6475	98.5789566
5/6/2021	922.455	117.245	616.47	113.72	98.62979126
5/6/2021	919.085	115.935	617.885	116.87	98.66236115
5/6/2021	912.43	130.075	618.28	120.29	98.43470001
5/6/2021	912.88	122.585	618.1633	118.31	98.0519104
5/6/2021	914.555	141.48	618.1349	113.515	97.58919525
5/6/2021	912.21	278.125	617.73	119.19	97.76325989
5/6/2021	916.845	294.33	616.345	166.865	96.88346863
5/6/2021	925.5614	248.3214	616.6743	152.3514	97.42518616
5/6/2021	930.8134	185.7883	615.8567	125.28	97.95933533
5/6/2021	934.5867	135.6383	616.5217	116.4717	97.63704681
5/6/2021	934.265	124.1667	615.8461	115.8483	97.63704681
5/6/2021	928.625	115.5383	616.4567	116.3883	
5/6/2021	920.3734	122.5933	616.695	114.215	
5/6/2021	913.3883	115.3717	617.1133	110.975	97.617836
5/6/2021	912.3125	117.6517	617.7516	118.91	97.4041214
5/6/2021	909.5383	115.9283	619.28	115.7167	97.32123566
5/6/2021	910.0433	150.0467	617.465	114.0383	97.87942505
5/6/2021	910.9375	289.975	617.5133	188.7383	97.20574951
5/6/2021	917.285	290.4067	615.8734	146.3433	96.92913055
5/6/2021	926.175	239.835	615.2433	118.2267	97.54058838
5/6/2021	931.675	169.0483	615.5483	116.46	97.33112335
5/6/2021	935.7617	121.6667	615.1567	115.2133	97.6450119
5/6/2021	934.5867	120.4867	614.5217	113.2942	97.25782776
5/6/2021	926.9767	122.655	616.2567	116.6233	97.62976074
5/6/2021	920.0517	115.3867	616.6216	114.2767	98.34835815
5/6/2021	914.8734	112.1517	616.7567	111.925	98.41731262
5/6/2021	912.1567	111.6033	616.73	112.2383	98.24804688
5/6/2021	910.2839	125.5092	616.3325	119.685	98.17758179
5/6/2021	910.3134	204.4183	616.5217	117.81	98.77738953
5/6/2021	910.8616	255.2667	616.0133	172.7333	98.75604248
5/6/2021	916.3633	271.5175	614.445	131.02	98.43983459
5/6/2021	926.625	234.7633	614.2233	116.6467	98.43983459
5/6/2021	932.0217	175.2267	613.7467	118.1683	98.60481262
5/6/2021	934.9933	126.065	614.5925	110.755	99.15636444
5/6/2021	934.6433	114.8567	614.8766	109.4392	98.91818237
5/6/2021	928.0217	112.1533	615.5347	110.8067	99.26187134
5/6/2021	920.1683	117.08	615.7767	114.3533	98.85381317
5/6/2021	914.585	115.98	615.9083	116.05	98.85381317
5/6/2021	911.6108	115.9083	616.0233	116.0717	99.60758209
5/6/2021	911.0233	121.0042	615.715	110.1392	100.0449066
5/6/2021	909.6766	239.7967	615.955	181.795	99.67649841
5/6/2021	912.4783	275.885	614.8367	159.57	99.89915466

5/6/2021	923.325	252.4167	614.5616	128.7683	100.403183
5/6/2021	930.2317	194.6267	614.97	119.69	100.2599335
5/6/2021	934.385	136.0983	615.8617	115.31	100.0000076
5/6/2021	936.1533	114.6117	616.655	111.7533	100.1656418
5/6/2021	930.7583	112.4433	618.0533	112.0217	100.0515213
5/6/2021	922.984	113.132	617.9767	112.9467	99.81744385
5/6/2021	917.205	116.895	618.21	118.505	99.51739502
5/6/2021	913.0533	111.65	618.3467	115.1867	100.0005951
5/6/2021	911.0228	110.4683	618.07	111.7533	99.88607025
5/6/2021	910.66	225.2014	617.9083	121.6717	99.7598114
5/6/2021	911.58	274.805	617.18	174.71	99.34112549
5/6/2021	921.37	256.315	616.155	151.31	99.6822052
5/6/2021	929.495	199.555	616.03	116.605	99.39198303
5/6/2021	934.295	141.355	616.0775	116.965	98.7512207
5/6/2021	937.06	114.6	616.19	109.58	98.97161865
5/6/2021	933.62	114.57	616.91	113.375	99.27611542
5/6/2021	924.545	110.805	617.315	111.105	99.27611542
5/6/2021	918.18	107.82	618.095	110.365	
5/6/2021	914.04	108.135	618.245	109.895	
5/6/2021	911.1825	110.4525	618.535	112.605	99.9653244
5/6/2021	909.9025	178.615	618.52	124.54	99.79698944
5/6/2021	909.175	259.64	617.79	148.655	100.583107
5/6/2021	914.81	276.69	616.91	171.74	100.4582672
5/6/2021	925.565	226.175	615.875	128.485	100.1609421
5/6/2021	932.095	160.22	615.8525	126.63	100.1757431
5/6/2021	935.225	119.165	615.99	117.39	100.3562088
5/6/2021	933.305	113.005	616.4625	113.2225	100.5834045
5/6/2021	925.11	109.98	616.5475	110.3075	100.6074371
5/6/2021	918.605	114.79	617.7075	111.355	100.7097168
5/6/2021	912.72	110.405	617.99	112.51	100.5615005
5/6/2021	911.265	110.97	618.365	111.12	101.1555099
5/6/2021	909.325	107.7575	618.115	109.485	101.5083542
5/6/2021	909.505	221.61	618.235	111.85	101.2780685
5/6/2021	910.59	270.475	617.875	165.8	101.0810776
5/6/2021	918.7367	262.64	617.2867	160.0683	101.6532745
5/6/2021	928.81	200.6733	616.4417	123.84	102.020462
5/6/2021	933.9133	137.0317	616.2983	111.515	101.5785599
5/6/2021	936.3883	113.775	616.5717	113.5992	101.5418091
5/7/2021	931.3766	111.8017	617.1133	115.3517	101.9098358
5/7/2021	923.3016	108.3117	617.4567	107.7733	102.1066513
5/7/2021	917.3883	111.4017	618.27	111.4558	101.7381363
5/7/2021	912.1884	109.2017	619.37	111.2033	102.3351669
5/7/2021	910.7955	108.3617	619.9583	109.9217	102.4185333
5/7/2021	908.7867	123.1617	619.8283	112.0883	102.665062
5/7/2021	908.7267	258.4483	619.7433	118.8867	102.0981827
5/7/2021	913.16	282.1533	619.3433	184.42	102.0339966
5/7/2021	923.71	238.285	617.9867	166.045	102.7010269

5/7/2021	932.5267	169.2067	617.0566	130.015	101.8255539
5/7/2021	935.3817	122.7117	618.0416	119.09	102.1388245
5/7/2021	935.3859	110.9817	617.5117	111.5183	102.0301208
5/7/2021	927.648	120.302	618.072	116.456	101.8675308
5/7/2021	919.8033	116.2617	618.4984	121.6133	102.0255814
5/7/2021	915.1859	116.8867	620.1933	117.7567	101.8213959
5/7/2021	911.7534	124.535	621.3533	126.79	102.6053467
5/7/2021	910.1633	117.325	621.8175	120.625	102.8316116
5/7/2021	909.9592	220.6967	622.4533	123.82	102.1819839
5/7/2021	911.5109	276.26	621.3767	117.6867	102.7868881
5/7/2021	921.7467	254.7333	620.3417	208.2833	102.473671
5/7/2021	928.2034	203.8517	618.9883	156.9833	101.7471466
5/7/2021	933.6234	141.5483	618.2358	118.425	101.6302032
5/7/2021	937.0533	110.725	617.7528	112.2717	102.282341
5/7/2021	933.0617	113.71	617.0817	111.6383	101.6292572
5/7/2021	923.3716	119.0117	617.6558	119.8283	102.53582
5/7/2021	917.6533	109.52	618.7584	112.4433	102.8522568
5/7/2021	913.2125	108.1367	619.635	110.69	102.8522568
5/7/2021	911.1816	107.9533	619.8884	109.2675	
5/7/2021	909.8716	180.7383	619.8817	115.5067	
5/7/2021	909.1917	247.6833	619.5767	119.3967	101.8396072
5/7/2021	918.175	260.0733	619.0467	122.6067	101.2952271
5/7/2021	927.7283	205.2633	618.2767	187.7767	102.297821
5/7/2021	932.8284	154.1067	617.3766	151.53	102.0293198
5/7/2021	934.5933	123.715	616.9767	126.4433	102.5936508
5/7/2021	933.365	116.2867	616.5627	123.12	102.6068192
5/7/2021	924.39	108.775	616.79	110.235	102.3496628
5/7/2021	918.815	114.775	616.765	112.665	102.3247528
5/7/2021	914.36	114.31	617.4375	117.52	101.8447723
5/7/2021	910.91	111.435	618.11	112.63	102.1346741
5/7/2021	909.355	171.395	617.91	109.475	101.8515854
5/7/2021	910.59	245.335	618.69	113.12	102.1394043
5/7/2021	919.0099	250.445	617.89	122.26	102.5275879
5/7/2021	928.59	197.26	617.675	113.19	102.7678452
5/7/2021	933.1349	141.02	616.61	184.545	102.4007797
5/7/2021	935.965	114.42	615.39	133.245	102.6723557
5/7/2021	933.475	115.28	614.86	123.455	103.4262466
5/7/2021	925.455	115.735	615.875	117.665	103.2850113
5/7/2021	918.7733	107.2533	614.5933	110.5533	102.9170837
5/7/2021	914.42	111.19	615.42	111.2467	102.7848434
5/7/2021	911.1467	111.58	617.1867	116.5	103.4622345
5/7/2021	908.9367	190.64	618.2867	113.8733	103.2478256
5/7/2021	909.9533	234.4333	618.78	110.7	103.4374008
5/7/2021	918.6533	243.6667	618.14	109.8733	103.3528748
5/7/2021	927.8267	198.3133	617.7133	119.7333	102.9165726
5/7/2021	934.4267	142.7133	617.02	121.6733	102.9935608
5/7/2021	937.0867	118.3	616.3867	185.7733	102.9935608

5/7/2021	932.7733	110.5367	615.0133	139.7867	103.253685
5/7/2021	924.02	108.3267	614.6266	115.1533	102.7395477
5/7/2021	918.2567	116.2667	614.9221	123.62	102.9345703
5/7/2021	913.4033	108.4533	614.9067	113.15	102.6906891
5/7/2021	910.8633	107.2267	615.6233	109.6333	103.3779755
5/7/2021	910.2133	182.52	616.4844	108.4867	103.457489
5/7/2021	909.7433	244.58	617.63	114.3867	103.159256
5/7/2021	918.8233	250.33	618.04	118.74	103.3698044
5/7/2021	929.26	200.5633	618.4533	114.7867	103.8951187
5/7/2021	935.0867	141.47	618.2067	110.57	103.360733
5/7/2021	937.3978	111.3633	617.4156	176.11	103.5295639
5/7/2021	934.5267	115.16	616.1933	164.6167	102.5463791
5/7/2021	923.85	121.52	615.0467	135.6533	102.2739182
5/7/2021	917.8633	111.97	615.3533	119.04	102.4951401
5/7/2021	914.1633	106.6633	615.3067	109.5167	101.4838257
5/7/2021	911.4933	106.8383	615.67	111.32	100.9677887
5/7/2021	910.9366	129.62	616.1883	113.38	100.9309311
5/7/2021	909.25	244.9033	616.8766	118.0367	100.4586563
5/7/2021	916.88	259.08	617.865	109.0733	100.4586563
5/7/2021	926.36	220.02	617.24	112.74	
5/7/2021	933.12	155.7	618.06	114.92	
5/7/2021	937.18	116.26	617.52	113.4	101.4295349
5/7/2021	936.64	108.34	617.16	198.97	100.5938568
5/7/2021	927.22	111.98	615.52	162.42	101.113678
5/7/2021	919.54	110.46	615.08	120.1	101.7509689
5/7/2021	914.04	109.56	614.54	113.08	101.7028809
5/7/2021	911.59	111.36	614.96	113.71	101.3522263
5/7/2021	910.08	110.1	615.36	111.92	102.1669617
5/7/2021	909.48	233.58	616.14	113.4	102.5151215
5/7/2021	913.1	271	617.28	111.1	102.5151215
5/7/2021	922.86	243.32	617.98	113.06	101.7477875
5/7/2021	931.74	181.86	618.52	119.62	103.0074158
5/7/2021	936.24	129.34	618.52	114.92	102.7121811
5/7/2021	938.06	108.4	617.86	109.96	102.602005
5/7/2021	932.62	104.86	617.78	175.48	102.4740601
5/7/2021	923	115.44	616.54	161.46	102.3318405
5/7/2021	916.8	109.34	615.98	121.84	103.1327438
5/7/2021	914.16	106.36	616.34	114.02	102.9280548
5/7/2021	911.28	111.78	615.52	118.84	101.9919128
5/7/2021	909.34	181.44	616.42	115.52	101.7538605
5/7/2021	911.6	263.58	617.76	119.54	102.119957
5/7/2021	921.76	259.1	618.38	118.42	
5/7/2021	930.84	198.8	619.52	114.42	101.4607391
5/7/2021	936.2267	137.1833	619.7433	111.47	101.0532303
5/7/2021	938.98	112.9267	620.24	115.3267	101.3329697
5/7/2021	933.3766	131.2533	620.4244	133.93	101.7540588
5/7/2021	924.8267	112.24	619.8433	161.12	102.168045

5/7/2021	919.4133	109.7067	617.96	172.8533	100.5201797
5/7/2021	915.0883	109.2567	616.86	124.09	100.1157074
5/7/2021	912.6767	118.2967	617.1733	126.2467	100.5741577
5/7/2021	910.57	121.0367	617.7756	125.19	101.1231689
5/7/2021	910.9017	252.5067	618.4622	112.0533	101.4046555
5/7/2021	916.6234	278.4167	619.63	109.27	100.7954178
5/7/2021	926.75	234.97	619.9867	113.1767	100.7954178
5/7/2021	934.05	163.9	620.56	121.33	101.077301
5/7/2021	938.45	119.8867	620.3867	114.9167	101.4570923
5/7/2021	939.0983	109.2033	620.985	108.38	101.0762482
5/7/2021	932.7933	108.13	620.53	110.8467	522.4979248
5/7/2021	923.5967	118.4267	620.24	183.2167	386.1927185
5/7/2021	918.2366	106.43	619.2867	158.1867	427.291748
5/7/2021	913.2033	109.5516	618.87	112.0933	428.0584717
5/7/2021	911.2134	114.3867	618.8867	113.72	428.3347473
5/7/2021	910.5517	236.35	619.5566	119.7767	427.0366821
5/7/2021	917.0316	268.0033	619.3134	113.5233	422.3973389
5/7/2021	924.4534	234.7167	619.5133	111.5767	419.3082275
5/7/2021	933.8	172.6533	620.3533	115.1933	
5/7/2021	937.2866	131.6933	621.4534	120.9867	
5/7/2021	937.2067	119.74	622.1666	118.34	
5/7/2021	929.4	113.72	622.2067	114.64	
5/7/2021	921.1866	119.6667	622.0067	128.36	428.4607544
5/7/2021	916.3867	123.3667	620.5533	199.3467	430.3899841
5/7/2021	913.45	111.2267	618.9467	156.6667	431.0421143
5/7/2021	908.1666	109.9867	618.6467	113.2067	419.8277893
5/7/2021	910.7933	221.46	618.7733	118.4867	410.8088989
5/7/2021	916.0133	260.1867	618.6866	124.2867	407.2427979
5/7/2021	923.8667	241.4133	619.44	114.1267	408.9964294
5/7/2021	928.26	172.94	620.98	109.2133	410.2454224
5/7/2021	950.3	126.9933	621.0667	110.8267	
5/7/2021	939.0867	124.76	621.4533	115.1867	413.768219
5/7/2021	934.32	115.4133	621.1067	115.0067	415.0420837
5/7/2021	923.02	109.5067	620.1667	111.1933	416.5343323
5/7/2021	934.6467	112.8067	622.0067	116.5067	409.1742554
5/7/2021	913.8934	118.5667	619.84	179.0333	399.4725037
5/7/2021	907.6867	134.6267	618.96	152.5933	390.4468384
5/7/2021	909.41	226.68	618.28	115.49	387.6759949
5/7/2021	913.55	273.18	617.71	114.05	386.0919495
5/7/2021	935.53	247.65	618.53	114.82	384.5921326
5/7/2021	936.3	183.8	619.49	118.16	379.3251953
5/7/2021	936.4	137.57	619.78	116.7	598.6334839
5/7/2021	939.08	115.86	619.76	115.4	598.6334839
5/7/2021	934.01	118.85	618.99	126.53	410.1812439
5/7/2021	924.575	115.31	618.89	117.35	408.7867126
5/7/2021	920.2	117.14	618.97	116.03	404.5857239
5/7/2021	914.74	114.35	618.73	175.19	401.852478

5/7/2021	912.31	116.65	617.83	157.43	401.442627
5/7/2021	911.69	168.97	616.82	119.77	408.3900452
5/7/2021	912.39	250.17	617.275	113.06	410.6988831
5/7/2021	919.9301	262.97	617.42	121.01	413.9874268
5/7/2021	935.04	215.64	617.45	114.39	415.4500427
5/7/2021	934.97	159.19	617.8	117.07	416.4815979
5/7/2021	930.06	121.495	619.42	114.75	412.0776062
5/7/2021	938.09	103.18	620.21	111.41	412.0776062
5/7/2021	930.995	125.32	620.03	122.53	401.7524414
5/7/2021	917.225	114.31	620.0699	111.85	404.5152283
5/7/2021	912.83	111.67	620.17	107.96	405.6693726
5/7/2021	912.58	110.87	618.55	170.16	409.4024963
5/7/2021	911.73	128.14	617.72	152.55	413.3367615
5/7/2021	909.99	235.14	616.84	122.78	416.6289063
5/7/2021	912.7333	269.5133	617.42	114.32	420.3276672
5/7/2021	922.12	254.36	617.4133	114	417.7586365
5/7/2021	932.1533	194.76	617.64	113.7767	409.543396
5/7/2021	937.4266	138.7667	618.78	119.6267	404.7510071
5/7/2021	939.6266	116.8933	618.52	112.0267	404.2336121
5/7/2021	937.9333	111.6267	618.5133	110.0533	
5/7/2021	926.2	109.48	618.9867	113.6533	
5/7/2021	908.66	119.0467	619.54	116.92	
5/7/2021	912.5667	112.3333	619.0133	110.4533	
5/7/2021	905.18	118.9867	619.0133	169.84	416.1828308
5/7/2021	911.68	216.3067	617.6533	128.14	417.9855042
5/7/2021	910.1266	263.0667	616.8533	123.7733	412.277771
5/7/2021	909.0267	259.8867	617.16	118.58	408.384552
5/7/2021	927.6467	198.76	617.3867	122.64	407.3849487
5/7/2021	930.8933	154.0333	617.8667	115.98	408.4532471
5/7/2021	938.3333	115.5667	619.76	110.9667	412.4089355
5/7/2021	935.9	113.22	619.26	108.0133	416.0965271
5/7/2021	931.1266	113.8267	619.9267	111.8267	416.0965271
5/7/2021	920.0333	121.4733	620.3133	118.6733	423.5503235
5/7/2021	915.3734	114.9733	619.94	112.52	424.3812256
5/7/2021	910.7467	120.2667	619.6133	157.8467	418.6903992
5/7/2021	908.5267	169.1133	619.54	147.12	408.333374
5/7/2021	913.3734	257.4333	619.0834	132.5267	404.5253601
5/7/2021	915.1334	275.9767	618.56	135.82	404.852356
5/7/2021	928.0933	227.1533	618.7767	125.9933	408.1479797
5/7/2021	935.5566	163.43	618.8367	116.4933	412.7380371
5/7/2021	937.9533	123.51	619.03	113.36	413.0218506
5/7/2021	936.89	117.9233	619.66	113.4067	413.924408
5/7/2021	931.51	129.3133	621.4366	122.7933	424.0417175
5/7/2021	920.05	117.85	620.775	117.25	424.0417175
5/7/2021	909.75	118.175	620	117.75	421.6334229
5/7/2021	909.425	124.45	620.35	137.625	422.3233032
5/7/2021	909.8	131.05	619.25	170.45	424.6870728

5/7/2021	910.75	242.55	619.6	136.6	384.5133667
5/7/2021	914.225	271.65	619.35	117.075	384.4518433
5/7/2021	890.775	246.925	618.975	114.8875	387.6512756
5/7/2021	933.5	174.325	618.55	112.9	388.5683899
5/7/2021	934.775	137.15	620.2	117.625	390.497345
5/7/2021	937.75	121.875	621.7	121.75	389.9555969
5/7/2021	939.7	111.925	623.175	108.875	383.8852539
5/7/2021	921.1167	111.6333	622.6333	111.5417	377.3082581
5/7/2021	915.7917	119.0333	621.9167	116.65	376.8444824
5/7/2021	913.8833	108.2917	620.0667	117.4583	379.2597656
5/7/2021	913.1333	111.475	619.8917	153.3083	381.8894043
5/7/2021	913.325	230.3833	620.3333	162.3833	383.9766235
5/7/2021	923.5	252.7667	620.0583	132.1167	386.3026123
5/7/2021	916.4083	226.975	619.5167	126.1667	388.9194946
5/7/2021	933.7416	178.9083	619.8625	126.5417	390.0364685
5/7/2021	929.925	132.4167	620.2208	114.7083	387.1951904
5/7/2021	941.9542	109.2	621.35	114.9083	380.4239197
5/7/2021	923.2583	117.4833	621.2333	113.15	375.6603088
5/7/2021	921.0583	115.5417	622.2917	110.4028	374.2458191
5/7/2021	916.4333	117.45	621.8417	117.8917	377.6645203
5/7/2021	912.9584	117.7917	621.5167	118.875	379.0905151
5/7/2021	912.85	120.5583	621.9167	117.7917	379.0905151
5/7/2021	910.4083	234.5	622.5	175.15	
5/7/2021	913.95	268.925	620.9584	150.3583	
5/7/2021	923.85	246.425	620.9083	132.9417	390.6905518
5/7/2021	932.7167	191.8833	620.3667	120.925	389.4765625
5/7/2021	936.7875	141.275	619.925	113.4917	385.4660339
5/7/2021	939.7584	117.9417	619.725	113.0333	381.1443176
5/7/2021	932.1167	115.7375	619.8417	115.075	379.9819336
5/7/2021	925.6417	121.3833	620.775	122.9417	381.2737427
5/7/2021	917.5417	119.7417	621.5167	112.3667	387.2664795
5/7/2021	913.25	116.0167	622.5833	114.2417	390.1034241
5/7/2021	910.6125	117.1083	623.075	115.6167	393.8172302
5/7/2021	908.7833	211.9417	622.1833	116.275	396.1247864
5/7/2021	911.1583	277.1833	621.8083	179.3	399.2780151
5/7/2021	922.0917	254.8167	620.7416	165.3	396.0333252
5/7/2021	932.0083	193.1167	619.2333	119.075	390.6743164
5/7/2021	937.3917	136.7583	619.8583	113.7917	386.4233093
5/7/2021	938.55	134.7167	619.4042	124.1583	385.4151917
5/7/2021	930.1083	117.3167	620.2667	116.1583	389.8845215
5/7/2021	922.175	115.4667	621.7667	114.675	393.9091492
5/7/2021	915.675	112.0667	622.125	110.375	397.0108032
5/7/2021	909.5417	127.4583	624.4667	112.9167	400.8955688
5/7/2021	905.95	124.9083	626.9792	116.625	404.5220642
5/7/2021	906.4583	200.225	624.2917	118.4292	409.9690247
5/7/2021	910.1083	264.6083	621.8083	114.3167	409.168396
5/7/2021	921.1167	266.0583	621.45	166.3833	403.1035767

5/7/2021	930.7167	206.9417	620.5333	173.7417	397.8332825
5/7/2021	936.1	146.675	620.05	141.7	398.1947327
5/7/2021	939.475	111.5917	619.8292	114.425	401.2341003
5/7/2021	934.275	111.9333	620.4417	113.7833	401.9857483
5/7/2021	924.5583	112.6417	620.4667	113.45	403.8847656
5/7/2021	917.6	109.85	621.625	112.1	406.3446045
5/7/2021	913.925	110.5	622.4125	109.375	405.7463379
5/7/2021	910.3	110.625	622.675	111.55	406.8181763
5/7/2021	908.3125	155.425	624.1	113.9	402.1084595
5/7/2021	909.4375	252.6	624.275	113.625	396.9028015
5/7/2021	916.5	262.1	623.95	118.95	393.7008667
5/7/2021	927.05	215.85	623.75	115.9875	399.1484985
5/7/2021	933.975	154.475	622.6	194.325	402.3465576
5/7/2021	937.4	118.675	620.825	156.95	404.9566956
5/7/2021	933.475	110.525	620.6	113.3	408.1620483
5/7/2021	923.8875	114.05	620.6	116.525	408.1620483
5/7/2021	916.925	122.85	620.4	116.575	410.5132446
5/7/2021	912.825	112.1	620.45	112.825	413.0648804
5/7/2021	909.825	110	622.075	110.325	405.8377991
5/7/2021	909.325	118.675	622.45	111	399.6507568
5/7/2021	909.325	260.075	623.55	115.05	398.4414978
5/7/2021	917.05	268.55	623.85	119.7	400.3283386
5/7/2021	927.125	217.45	624.125	110.8875	400.3283386
5/7/2021	933.775	159.825	623.475	110.425	
5/7/2021	937.65	116.6429	622.9643	211.3714	
5/7/2021	936.425	122.3583	621.1833	168.4333	410.1076355
5/7/2021	924.4833	115.2708	620.6667	126.6667	412.3989563
5/7/2021	916.925	116.025	620.25	120.35	411.2082825
5/7/2021	912.1667	112.425	619.7167	116.8917	408.3040466
5/7/2021	909.9417	116.5833	620.175	115.45	400.78302
5/7/2021	908.475	123.125	620.9917	122.9083	400.8434143
5/7/2021	908.2084	255.075	622.1166	118.1292	401.8207092
5/7/2021	911.5834	293.5083	623.5667	118.5667	403.5932007
5/7/2021	923.0167	249.95	623.4333	117.2583	406.8586426
5/7/2021	932.3333	177.7167	623.8417	121.2583	411.5424805
5/7/2021	937.1292	125.475	623.7667	122.3	415.4099426
5/7/2021	936.4917	119.4583	622.8917	124.4333	416.7173462
5/7/2021	927.625	121.5667	620.3583	197.2417	412.2337952
5/7/2021	919.0083	122.3583	620.0833	143.1667	407.3497009
5/7/2021	914.5167	125.5333	619.6417	128.3167	402.3102722
5/7/2021	911.0416	113.375	619.8959	119.7583	400.5307007
5/7/2021	908.3625	112.675	620.075	113.8917	400.7227478
5/7/2021	907.4333	228.3083	620.9208	111.8778	404.9275208
5/7/2021	907.4667	302.5833	621.8417	114.4167	407.3154907
5/8/2021	910.5167	315.7833	623.1083	117.5917	412.5186462
5/8/2021	919.6833	297.85	623.45	113.8667	414.010498
5/8/2021	928.3917	258.625	624.6583	112.6083	413.0092163

5/8/2021	933.4208	219.5167	623.475	111.4167	406.163147
5/8/2021	934.5361	185.7833	622.825	113.775	402.954895
5/8/2021	933.8333	148.8167	622.0083	215.875	401.4405518
5/8/2021	933.3528	126.575	620.925	157.95	404.3407593
5/8/2021	930.1917	114.6917	619.5667	116.6417	406.1734314
5/8/2021	922.3083	114.625	619.5833	118.5083	407.825592
5/8/2021	915.4791	113.0667	618.575	110.0417	410.6310425
5/8/2021	911.2958	177.5083	620.4417	112.3542	411.1694031
5/8/2021	907.8292	230.4833	621.9583	117.7875	414.9925232
5/8/2021	909.2542	260.0583	622.6833	116.7667	413.6114502
5/8/2021	918.1583	254.1	623.6166	116.3667	406.2825012
5/8/2021	926.375	234.0917	624.4417	113.6167	403.0831299
5/8/2021	930.4417	214.475	623.7333	117.35	403.2383423
5/8/2021	931.6583	194.5833	623.2542	116.9958	406.2174377
5/8/2021	931.5416	171.6667	622.0695	171.3667	407.8911133
5/8/2021	931.4167	150.375	620.3167	175.4	411.8112793
5/8/2021	931.6334	133.175	618.2833	123.7	412.4736633
5/8/2021	930.1917	123.5625	618.1333	122.325	418.1999512
5/8/2021	923.3167	121.1375	617.4584	115.1167	416.6348572
5/8/2021	916.625	153.2167	617.7084	112.0333	411.5756836
5/8/2021	911.4917	184.5917	618.15	109.3417	407.6534424
5/8/2021	911.175	227.55	620.05	113.3	404.2909851
5/8/2021	915.3	267.65	620.8	115.7875	408.3042603
5/8/2021	923.425	253.35	621.725	116.925	408.3042603
5/8/2021	929.05	229.1	622.6	116.7	
5/8/2021	932.3875	201.075	621.85	111.175	
5/8/2021	932.6333	173.6	621.05	153.8	416.0992126
5/8/2021	932.9	151.625	619.875	188.625	417.8880615
5/8/2021	931.975	134.05	618.125	133.9	412.5316772
5/8/2021	929.875	119.675	617.7125	112.125	407.9042358
5/8/2021	925.0875	115.775	617.025	110.275	407.1675415
5/8/2021	918.675	147.2	617.325	113.725	406.3796387
5/8/2021	912.975	182.175	618.25	111.15	409.7727661
5/8/2021	909.375	218.325	619.75	114.825	413.3406677
5/8/2021	909.325	266.175	620.8834	112.075	418.9112854
5/8/2021	917.45	260.95	621.95	113.0875	419.6819153
5/8/2021	926.5125	237.775	621.575	116.325	417.8680725
5/8/2021	930.8	210.15	621.55	113.05	414.3887329
5/8/2021	933.05	185.075	620.75	129.55	410.0226135
5/8/2021	932.1875	162.375	619.525	210.525	407.030426
5/8/2021	933	137.375	618.2	149.8	407.6229553
5/8/2021	930.325	120.175	617.55	114.45	413.0439453
5/8/2021	926.95	117.35	617.15	114.5875	415.7608948
5/8/2021	920.45	130.2	617.325	109.5	417.1225281
5/8/2021	915.0467	171.9133	618.24	112.85	419.8598938
5/8/2021	911.2433	206.54	619.8833	117.6467	422.377655
5/8/2021	909.385	256.7933	621.07	119.6467	415.5804443

5/8/2021	916.3467	268.7834	621.7733	117.18	411.0229797
5/8/2021	924.9733	248.24	622.0433	109.0033	408.0473022
5/8/2021	930.3267	224.9067	621.5133	108.6233	406.9938354
5/8/2021	932.3883	198.4133	621.2867	113.3983	408.8130493
5/8/2021	932.8734	172.0833	620.1866	211.6333	414.8211975
5/8/2021	932.7767	145.8067	618.7233	169.8667	417.756897
5/8/2021	931.4384	124.88	617.6433	116.6767	420.8390808
5/8/2021	930.05	115.7767	617.9483	110.98	421.3657532
5/8/2021	924.2383	119.1967	618.105	113.94	416.1766968
5/8/2021	916.6767	164.36	617.8233	110.82	412.3297119
5/8/2021	911.5734	201.5167	618.83	112.0533	409.26651
5/8/2021	910.5517	249.29	620.4133	107.9967	409.2038574
5/8/2021	914.9433	262.9267	620.9434	108.9267	413.9050903
5/8/2021	923.4233	246.9533	621.9966	113.8033	416.2960205
5/8/2021	929.7967	223.63	622.0833	118.27	419.9508667
5/8/2021	932.5267	200.48	622.0433	110.6733	422.2851563
5/8/2021	933.0117	175.1567	621.3567	172.0567	423.0578613
5/8/2021	933.0034	151.3567	619.0034	180.9767	415.6438599
5/8/2021	933.23	130.26	617.9966	129.9933	412.0003662
5/8/2021	931.24	119.96	617.5	114.42	409.3117981
5/8/2021	925.22	114.62	617.54	110.16	409.2471924
5/8/2021	917.8	163.16	617.52	108.86	412.1082764
5/8/2021	912.66	196.88	618.62	111.42	415.1185913
5/8/2021	911.52	233.24	618.98	117.64	418.320343
5/8/2021	915.26	252.48	620.94	120.64	418.320343
5/8/2021	924.5	236.94	622.06	113.52	
5/8/2021	930.12	215.26	622.36	115.66	
5/8/2021	932.06	196.16	621.32	111.34	412.1600647
5/8/2021	932.94	173.1	621.12	157.62	409.110199
5/8/2021	932.18	152.08	619.95	188.9	411.8096313
5/8/2021	931.34	132.44	618.26	136.34	412.9518433
5/8/2021	930.06	127.68	618.26	134.06	414.9143372
5/8/2021	922.688	123.972	618.388	119.372	418.4309998
5/8/2021	916.5	165.68	618.52	120.22	419.9129639
5/8/2021	912.22	199.98	619.28	114.04	417.8997803
5/8/2021	910.38	236.22	619.92	112.44	413.0369568
5/8/2021	918.42	251	620.7	114.72	410.215271
5/8/2021	926.4	235.06	620.66	115.46	407.1763611
5/8/2021	931.64	210.94	621.1	110.26	409.5371704
5/8/2021	932.18	187.48	620.46	109.03	412.5829773
5/8/2021	932.94	164.28	619.94	184.22	414.5891418
5/8/2021	932.5743	142.3914	617.62	158.8	416.246582
5/8/2021	931.7134	130.2367	616.99	130.47	420.5007324
5/8/2021	927.375	120.38	617.1067	112.8433	419.9162903
5/8/2021	921.8167	129.07	617.5489	109.7567	412.0837402
5/8/2021	915.4733	167.11	618.17	111.5767	405.5483398
5/8/2021	911.8712	211.1033	619.3067	113.1933	408.1813965

5/8/2021	914.35	247.7333	619.6467	113.38	408.1525879
5/8/2021	923.22	248.0867	619.9633	108.1633	409.8007202
5/8/2021	929.6567	226.63	620.6067	109.6217	411.6181335
5/8/2021	932.9567	206.4333	620.9767	118.9	414.4755554
5/8/2021	934.3633	183.1733	620.53	136.3567	418.4909668
5/8/2021	934.6533	160.1167	621.0367	163.6467	415.0539856
5/8/2021	934.3716	139.7367	620.1367	180.7367	409.2658997
5/8/2021	933.24	125.4733	619.1533	132.36	405.4048767
5/8/2021	927.112	122.7533	619.528	121.024	402.5401917
5/8/2021	921.6	143.1067	619.8267	124.36	406.3276367
5/8/2021	915.0067	173.92	619.9633	111.37	408.8683777
5/8/2021	912.375	206.9633	621.1234	109.4933	409.8623962
5/8/2021	913.923	251.5267	622.1467	111.7317	412.7295837
5/8/2021	921.5	247.9333	622.5267	111.8	414.7483215
5/8/2021	929.1467	228.4333	622.4067	111.7733	409.0647278
5/8/2021	933.4267	206.7	623.2133	111.8533	404.5385132
5/8/2021	921.3067	182.06	622.92	111.0867	401.9764709
5/8/2021	933.8467	159.66	622.2178	206.68	401.9361572
5/8/2021	932.8667	140.56	621.2133	156.8467	406.0098267
5/8/2021	934.9534	124.78	620.0533	121.5067	409.2736511
5/8/2021	927.4	119.4267	620.24	112.6267	410.7266235
5/8/2021	919.8267	144.3467	620.2267	114.32	410.5878906
5/8/2021	915.17	184.3133	619.8333	119.82	411.8027954
5/8/2021	910.9533	221.6467	620.5267	120.2333	407.9892578
5/8/2021	916.9133	249.3267	622.01	112.9533	402.0604858
5/8/2021	913.0667	244.28	622.1733	111.8844	402.0604858
5/8/2021	929.92	221.7267	622.14	111.3933	
5/8/2021	933.5734	204.3933	622.5133	119.0733	
5/8/2021	935.12	179.7867	622.5133	137.0333	407.2590027
5/8/2021	939.3667	156.3133	621.5533	185.12	408.8892822
5/8/2021	932.1667	137.8067	620.4533	145	409.5859375
5/8/2021	931.06	125.44	620.0867	113.8533	409.605896
5/8/2021	913.77	125.56	619.79	114.585	400.7131348
5/8/2021	918.44	156.99	620.532	114.94	395.2967529
5/8/2021	915.94	175.84	621.735	110.865	393.9056396
5/8/2021	913.77	216.34	621.44	110.39	393.8582764
5/8/2021	915.66	248.89	622.085	115.19	396.3759766
5/8/2021	906.96	250.26	622.03	121.75	397.2686768
5/8/2021	931.78	227.69	623.065	113.53	396.9062805
5/8/2021	932.15	199.01	622.38	112.67	395.3302002
5/8/2021	934.94	181.46	622.52	178.77	387.7411804
5/8/2021	947.77	144.2	620.34	149.65	380.4208679
5/8/2021	933.98	140.57	620.08	121.93	376.2764282
5/8/2021	928.67	127.44	620.01	111.37	375.9918213
5/8/2021	926.88	121.36	618.59	109.84	371.6878052
5/8/2021	918.15	156.51	620.075	109.765	405.7106323
5/8/2021	913.23	196.71	618.86	113.745	406.9178467

5/8/2021	911.91	228.28	621.65	111.68	410.6049805
5/8/2021	913.94	268.7	621.67	110.68	411.5620422
5/8/2021	924.49	249.33	621.83	114.67	402.9075623
5/8/2021	930.425	227.4	620.59	111.53	393.3921204
5/8/2021	933.51	201.04	620.75	125.38	386.5411987
5/8/2021	924.59	172.81	619.27	173.39	380.8065796
5/8/2021	926.2	156.47	616.19	131.95	382.0926514
5/8/2021	936.34	137.96	618.12	111.795	394.6430054
5/8/2021	930.5914	126.1029	617.645	114.75	399.0581665
5/8/2021	923.0515	126.5514	618.4543	117.7514	404.7279358
5/8/2021	917.1133	167.26	618.7267	117.3133	412.6216125
5/8/2021	911.2466	208.04	619.36	120.1	418.5725708
5/8/2021	912.6067	244.16	620.1133	111.12	414.071991
5/8/2021	915.4266	270.82	620.78	117.6867	410.5016785
5/8/2021	926.0067	251.2733	620.94	117.6867	412.3226318
5/8/2021	928.74	226.6733	621.0667	109.2867	417.1016235
5/8/2021	932.92	201.66	620.8267	177.46	421.8630371
5/8/2021	932.5134	174.6667	619.8734	148.56	426.2690125
5/8/2021	933.0466	144.0867	619.5333	132.94	390.9978333
5/8/2021	931.7866	134.2267	618.74	122.3733	392.4279785
5/8/2021	928.5933	125.2	619.5466	113.72	389.4966736
5/8/2021	923.5734	125.9	620.2378	112.92	384.7841797
5/8/2021	917.52	183.36	619.5467	115.4067	378.6729736
5/8/2021	912.9333	222.8533	620.4866	122.3067	377.2541809
5/8/2021	908.24	259.12	622.3533	112.5867	377.5198059
5/8/2021	917.4867	270.3867	622.1533	109.8733	
5/8/2021	925.8066	248.86	622.4067	118.12	
5/8/2021	936.44	221.0267	622.1133	156.6667	
5/8/2021	933.18	195.9733	620.46	171.1467	
5/8/2021	935.3777	171.6667	620.8334	130.4467	388.3937988
5/8/2021	928.8867	149.88	619.86	117.6067	381.7194519
5/8/2021	933.6533	130.48	619.2933	117.3133	377.9802246
5/8/2021	930.5067	140.82	620.3933	121.46	374.7972107
5/8/2021	920.3766	122.5667	620.5533	109.6867	373.3671875
5/8/2021	915.63	191.1433	621.3134	110.0267	374.0022888
5/8/2021	911.7067	224.2767	621.8267	110.5117	376.1802368
5/8/2021	919.3867	258.51	622.0566	119.8067	377.685791
5/8/2021	920.36	257.4367	622.3267	119.4867	383.9060059
5/8/2021	930.5933	233.5567	622.015	114.5033	382.8658142
5/8/2021	931.27	212.58	621.03	170.7767	384.9901123
5/8/2021	927.88	181.7733	619.6433	139.2067	379.1958008
5/8/2021	932.3167	162.29	619.0867	125.8233	374.4385986
5/8/2021	932.215	140.9267	619.5734	109.6867	371.3538208
5/8/2021	931.4266	125.8233	619.6266	109.8533	404.9287415
5/8/2021	927.6767	124.8867	620.0734	113.735	408.1497803
5/8/2021	920.145	149.385	621.0163	116.11	413.0513916
5/8/2021	909.475	187.855	620.925	119.055	418.9874573

5/8/2021	910.92	232.1	620.48	115.6175	424.0932312
5/8/2021	912.38	265.72	620.185	118.365	424.5258789
5/8/2021	920.97	268.055	619.985	112.7975	416.9523926
5/8/2021	926.525	249.99	620.41	180.405	412.1688843
5/8/2021	930.15	223.555	619.5533	149.4917	410.122406
5/8/2021	933.3683	200.26	619.3234	113.5317	413.7626648
5/8/2021	941.8583	177.5417	618.9533	111.1783	415.2716675
5/8/2021	934.91	150.355	618.9233	121.6417	417.7904968
5/8/2021	927.015	131.81	620.4233	113.5842	422.5793457
5/8/2021	911.1183	123.75	620.9308	112.535	424.2422791
5/8/2021	922.8017	105.8883	622.125	112.7767	424.508728
5/8/2021	914.0217	178.7833	621.8317	110.4567	419.4212036
5/8/2021	908.245	213.255	622.67	114.025	413.5092163
5/8/2021	910.6158	256.475	623.025	113.4283	410.2775269
5/8/2021	923.3317	267.3217	621.6683	156.5183	408.8880005
5/8/2021	928.825	253.5033	620.8083	134.2883	413.9845276
5/8/2021	930.5217	229.725	619.9916	134.7617	418.2088623
5/8/2021	933.9133	202.335	618.7166	121.4567	423.6165466
5/8/2021	922.0817	188.5067	619.0133	125.96	427.7634888
5/8/2021	932.5367	157.305	620.6917	116.6783	428.3471375
5/8/2021	932.9467	133.1883	621.8683	114.2717	424.297699
5/8/2021	930.7683	122.59	622.5933	114.4667	416.93396
5/8/2021	924.425	121.7967	622.2617	113.0067	412.4005737
5/8/2021	918.5133	182.0117	622.4067	117.2217	413.3051147
5/8/2021	913.3317	209.8717	621.915	112.8217	416.1771545
5/8/2021	912.9216	246.195	622.185	167.1333	419.2513123
5/8/2021	920.0517	271.5233	621.5566	136.9283	422.7261047
5/8/2021	926.2634	260.9333	621.13	119.705	422.7261047
5/8/2021	930.4083	236.7333	621.9567	122.1233	
5/8/2021	933.7133	209.395	621.8433	114.3617	
5/8/2021	938.195	183.3083	622.1041	114.8233	422.6174927
5/8/2021	942.4133	157.1567	622.7433	109.0133	414.9144897
5/8/2021	932.9808	135.8067	623.7133	109.09	411.2814026
5/8/2021	909.91	120.725	623.8741	111.3758	413.2228699
5/8/2021	926.2617	121.98	623.4916	109.2825	415.4077454
5/8/2021	917.8483	164.3183	622.7867	114.0483	419.3601685
5/8/2021	921.5167	197.255	623.6433	118.9467	421.2913513
5/8/2021	888.935	246.1933	623.1617	174.92	424.8835449
5/8/2021	917.625	277.825	622.0783	133.13	429.6086731
5/8/2021	928.7717	269.0183	621.7622	117.13	420.9827881
5/8/2021	929.9125	243.1817	620.7383	113.5617	416.179657
5/8/2021	931.8383	215.3717	621.0867	108.9383	411.0712585
5/8/2021	933.0133	189.2083	621.4434	111.6867	412.0059814
5/8/2021	933.4867	161.3983	622.9434	115.9983	420.0967407
5/8/2021	932.375	140	623.8877	113.6354	424.6928406
5/8/2021	930.6391	124.602	624.7054	110.744	427.2881775
5/8/2021	926.875	117.9767	625.205	111.095	426.8511047

5/8/2021	920.6717	156.95	624.8567	115.2233	428.8618774
5/8/2021	914.57	185.6514	624.0267	144.03	424.0517883
5/8/2021	911.4325	234.665	623.5675	169.55	415.8409729
5/8/2021	914.455	280.34	621.98	130.73	415.8143921
5/8/2021	923.18	276.67	621.79	113.69	415.9093018
5/8/2021	928.375	256.45	621.97	109.42	417.2880859
5/8/2021	932.035	227.575	621.77	112.415	420.5669556
5/8/2021	933.71	197.935	622.51	111.49	426.1356506
5/8/2021	933.2575	170.345	623.23	108.0175	427.6328125
5/8/2021	932.72	146.995	624.3417	112.775	429.4456482
5/8/2021	931.62	127.255	624.795	114.45	410.4363708
5/8/2021	929.935	125.535	625.125	114.845	404.9700928
5/8/2021	922.29	147.4	624.205	109.21	400.7123413
5/8/2021	915.08	181.965	624.485	119.6	397.6172485
5/8/2021	911.415	240.585	623.98	176.025	401.39151
5/8/2021	911.82	276.135	622.29	139.905	405.921051
5/8/2021	919.285	272.81	622.085	128.26	410.0413208
5/8/2021	926.855	249.025	622.015	113.08	413.5939331
5/8/2021	930.88	225.97	621.435	115.265	412.5636597
5/8/2021	932.245	199.605	623.21	120.875	415.2554932
5/8/2021	930.9508	171.84	624.32	113.875	411.3438721
5/8/2021	931.9908	145.86	625.1833	116.35	405.1498718
5/8/2021	932.0175	130.9758	625.9767	110.2817	402.9353027
5/8/2021	926.885	123.7467	626.135	120.4343	403.6343079
5/8/2021	920.3283	127.6417	626.8533	117.555	408.3919373
5/8/2021	914.3909	171.9517	626.0078	123.175	409.6083374
5/8/2021	910.8284	222.3817	625.1234	180.8517	411.3801575
5/8/2021	910.89	268.295	623.5767	146.87	413.5561523
5/8/2021	918.625	266.41	622.5467	130.5483	413.5561523
5/8/2021	926.9434	244.3517	622.6533	122.11	
5/8/2021	930.4533	229.8917	622.8411	113.6367	
5/8/2021	932.2728	211.5917	623.465	110.9467	404.8345337
5/8/2021	932.1716	193.3783	624.1067	109.8467	401.1219788
5/8/2021	932.09	178.3467	625.0767	111.6617	399.9829712
5/8/2021	931.1183	164.7933	625.6467	116.8817	404.4249268
5/8/2021	929.4894	152.7317	626.4417	118.5183	410.059967
5/8/2021	929.3592	144.4567	626.4117	111.7108	414.781189
5/8/2021	925.7467	138.175	625.7767	112.5075	414.896637
5/8/2021	921.8284	140.2467	625.4716	197.9767	416.5196838
5/8/2021	915.975	143.935	623.3767	167.0667	416.1005249
5/8/2021	911.4933	145.7233	621.2233	124.9367	409.2272339
5/8/2021	909.775	166.8833	621.0933	113.275	406.0851746
5/8/2021	908.5059	182.2667	621.0075	112.1133	411.3235779
5/8/2021	909.4716	198.4617	620.935	110.0883	419.3706665
5/8/2021	915.4033	193.1042	622.315	112.9017	423.6704102
5/8/2021	921.89	184.4483	623.6566	112.485	429.1780396
5/8/2021	924.8617	175.3058	624.6622	107.8867	370.0727234

5/8/2021	925.3883	171.5567	625.4567	114.39	400.1448669
5/8/2021	922.185	165.9133	626.1434	115.1867	402.1636963
5/8/2021	921.8733	158.25	626.1717	121.1383	394.1057434
5/9/2021	922.8883	149.5983	625.2925	140.3967	388.2177734
5/9/2021	922.5433	143.1117	623.2775	185.9883	386.5782471
5/9/2021	918.885	141.8017	621.8567	147.145	389.5933533
5/9/2021	913.4327	139.2133	621.515	117.6217	393.2806091
5/9/2021	915.8883	128.0483	621.6866	117.95	395.5140381
5/9/2021	919.6133	118.0925	621.4567	109.5133	399.2696838
5/9/2021	917.8983	132.1867	622.0283	113.3867	400.8694153
5/9/2021	913.41	154.0667	623.2584	116.7033	403.7289734
5/9/2021	909.2117	161.13	624.2283	112.485	397.5126953
5/9/2021	907.7045	162.7267	624.5566	115.1867	391.2012939
5/9/2021	908.3016	163.0417	624.9567	108.51	390.803009
5/9/2021	912.1884	194.59	625.13	111.385	387.2740479
5/9/2021	916.985	199.115	624.5346	114.04	389.4715881
5/9/2021	922.1217	191.7783	623.6467	214.7433	392.0297546
5/9/2021	924.1683	186.7392	621.8766	162.3	393.9827881
5/9/2021	923.91	184.0567	621.57	115.535	396.4085693
5/9/2021	922.5533	179.985	621.1234	120.7083	400.8876038
5/9/2021	922.9341	173.4783	621.2467	115.0417	398.413208
5/9/2021	924.2233	163.3317	621.6216	113.5761	393.4642029
5/9/2021	923.2317	159.6392	623.3234	112.6108	389.8365784
5/9/2021	917.65	163.4967	624.0767	109.8933	388.8017273
5/9/2021	913.553	165.7071	624.9767	112.69	389.3427734
5/9/2021	916.525	163.4875	625.2042	113.3983	394.2492371
5/9/2021	919.6533	159.825	624.185	112.175	396.6596375
5/9/2021	916.8784	171.1967	624.0616	111.415	399.9448242
5/9/2021	912.4783	184.6767	622.9767	221.7833	401.7431641
5/9/2021	909.3317	195.6433	620.7317	172.48	401.7431641
5/9/2021	911.5533	195.7567	619.7659	136.63	
5/9/2021	919.5217	182.2883	619.6683	125.9717	
5/9/2021	923.385	176.9533	618.8083	117.0067	390.9141235
5/9/2021	920.5771	184.4143	619.2354	112.6683	392.8280334
5/9/2021	914.8616	193.8517	619.7516	115.9983	393.2563171
5/9/2021	912.6733	197.775	620.935	112.2267	397.6281738
5/9/2021	919.89	179.085	621.3734	114.6767	399.9292603
5/9/2021	924.5383	163.21	621.9083	115.38	403.4346008
5/9/2021	923.6617	169.2767	621.095	119.39	402.7719727
5/9/2021	917.6967	181.0533	621.135	124.035	398.1518555
5/9/2021	912.1711	188.9767	619.9517	192.145	393.7182617
5/9/2021	913.6033	183.3083	618.8917	158.0167	391.061615
5/9/2021	921.2383	159.16	618.4567	116.8617	391.5369568
5/9/2021	923.6617	186.5533	618.6567	119.4667	392.5612183
5/9/2021	918.1617	206.5117	618.6517	112.5483	397.3946228
5/9/2021	914.4617	214.19	619.7567	109.5767	399.7244568
5/9/2021	916.8383	207.4333	620.965	116.3692	400.1069031

5/9/2021	923.4384	185.4367	621.9567	118.1233	401.462677
5/9/2021	926.8867	168.6233	622.1433	119.2283	398.9044189
5/9/2021	925.075	157.7133	623.2917	114.1133	393.6057739
5/9/2021	917.38	161.46	622.78	114.06	390.9961243
5/9/2021	914.68	163.64	622.97	115.54	392.2712708
5/9/2021	919.02	149.8	621.92	216.72	393.6536255
5/9/2021	922.56	154.02	620.06	161.86	394.9893799
5/9/2021	920.3	178.78	618.8	116.44	398.6492004
5/9/2021	915.42	198.6	619.64	117.62	401.4041748
5/9/2021	911.38	208.56	618.88	119.16	402.8986816
5/9/2021	915.86	197.48	619.42	122.52	402.1465454
5/9/2021	922.24	189.66	621.52	113.02	397.1876221
5/9/2021	925.78	198.62	622.94	111.42	393.1466064
5/9/2021	924.02	196.5354	623.4343	117.38	390.0576477
5/9/2021	923.1867	187.7167	623.4133	114.2133	393.874939
5/9/2021	923.9133	172.6667	623.6133	119.7233	394.8303833
5/9/2021	926.79	153.7867	623.1967	111.5633	401.7428589
5/9/2021	925.9317	148.9633	622.6934	203.5533	400.5856018
5/9/2021	920.5633	149.51	620.89	166.21	402.6885986
5/9/2021	913.9767	168.45	619.81	121.7533	402.7695618
5/9/2021	911.2408	171.19	620.0566	113.4133	398.9979858
5/9/2021	914.0367	192.7833	619.2233	108.2767	391.1533508
5/9/2021	919.15	223.7367	619.6166	110.5133	388.5023193
5/9/2021	924.1433	225.1267	621.3867	113.4633	394.8520203
5/9/2021	926.8183	215.9167	621.6233	113.4867	397.6210022
5/9/2021	928.6733	198.2667	622.7233	117.0033	401.7407227
5/9/2021	929.4456	182.59	623.9933	112.08	403.8196106
5/9/2021	929.3544	167.9267	624.0711	114.6367	405.3092346
5/9/2021	928.705	159.2367	623.39	113.5367	404.0341492
5/9/2021	926.7817	151.8267	623.105	150.0267	397.4587097
5/9/2021	924.54	146.395	621.5317	178.7067	397.4587097
5/9/2021	919.09	157.51	620.8567	123.5167	
5/9/2021	914.375	189.3833	620.2633	119.01	
5/9/2021	910.4233	222.0833	619.2067	114.8167	396.5883179
5/9/2021	914.81	233.8067	619.6584	113.1367	401.0328369
5/9/2021	922.4267	234.0817	621.4133	118.2367	406.0940247
5/9/2021	927.5867	216.5933	622.2966	121.1867	407.0046997
5/9/2021	929.6622	195.7767	623.4133	121.4033	404.7561035
5/9/2021	930.09	174.2267	623.9033	113.4267	399.9257813
5/9/2021	929.5317	154.44	624.1867	115.5033	395.2793579
5/9/2021	928.995	140.8767	623.5034	110.4633	391.0978699
5/9/2021	926.8383	135.0733	622.5133	164.4267	
5/9/2021	919.8633	140.9133	621.5769	192.4467	398.6256714
5/9/2021	914.2933	172.16	619.9267	133.78	403.8226929
5/9/2021	910.2109	218.0533	619.32	115.94	405.0206604
5/9/2021	910.3734	257.8733	619.2133	117.8633	406.6032715
5/9/2021	918.0267	260.5967	619.78	115.3244	403.8952026

5/9/2021	924.2086	242.5829	620.4246	117.0057	398.178833
5/9/2021	928.96	215.54	623.7067	119.1667	394.6219788
5/9/2021	1238.1	283.2333	622.9667	130.7	0
5/9/2021	1228.307	327.92	634.9867	149.0533	0
5/9/2021	1228.053	362.08	1226.013	170.86	0
5/9/2021	1230.193	382.12	1230.453	189.5067	0
5/9/2021	1231.803	393.4133	1233.147	207.7467	0
5/9/2021	1231.91	399.96	1231.673	222.9667	0
5/9/2021	1226.323	409.1067	1226.98	237.0667	0
5/9/2021	1225.073	417.7067	1224.98	248.4533	0
5/9/2021	1224.049	427.9267	1224.727	262	0
5/9/2021	1224.293	437.6067	1225.42	278.4667	0
5/9/2021	1224.4	444.2067	1225.327	295.32	0
5/9/2021	1224.86	451.8466	1225.767	311.16	0
5/9/2021	1219.287	459.3133	1222.84	328.0667	0
5/9/2021	915.2466	472.7533	1203.067	346.4533	390.7278748
5/9/2021	919.5533	505.3134	613.46	200.8533	374.897522
5/9/2021	922.7067	162.68	613.7534	160.7533	380.9121094
5/9/2021	931.1067	127.84	615.7267	115.08	369.4045715
5/9/2021	931.3467	127.2533	617.3467	114.66	411.7844238
5/9/2021	924.14	131.7067	618.68	121.65	411.6810608
5/9/2021	916.84	127.6	620.0867	118.4867	414.6110535
5/9/2021	912.7534	127.9133	621.6266	113.8133	414.5987854
5/9/2021	904.8066	133.1533	622.2333	111.75	412.6800537
5/9/2021	909.9467	146.3267	622.9533	114.7133	403.3908386
5/9/2021	909.6133	155.3933	623.02	113.6467	396.717804
5/9/2021	922.36	154.3	623.5333	112.1467	395.4481506
5/9/2021	926.0067	110.6267	624.1467	112.36	397.0863647
5/9/2021	924.4467	130.2067	623.6933	112.2267	400.7474976
5/9/2021	919.76	133.88	623.78	118.66	403.9642029
5/9/2021	917.48	144.71	625.04	144.75	407.7773438
5/9/2021	922.09	129.98	625.25	121.72	
5/9/2021	912.97	134.37	625.46	112.49	
5/9/2021	909.11	151.19	624.42	115.18	
5/9/2021	913.39	154.67	623.48	115.46	391.0296936
5/9/2021	921.77	136.58	621.86	124.65	387.7023621
5/9/2021	931.3	128.95	620.97	115.14	390.8808289
5/9/2021	926.37	130.38	619.89	109.57	393.049408
5/9/2021	918.415	131.59	618.92	124.47	393.049408
5/9/2021	913.11	129.86	618.14	130.97	419.2891846
5/9/2021	912.13	135.05	618.08	126.24	425.5682373
5/9/2021	908.29	133.83	617.61	124.26	429.2830811
5/9/2021	925.76	141.58	617.46	122.11	382.6500854
5/9/2021	911.13	154.06	617.18	120.31	380.3648376
5/9/2021	921.65	134.71	618.24	123.23	380.223877
5/9/2021	928.565	132.17	619.12	119.32	382.5507507
5/9/2021	924.4	127.405	619.52	116.26	398.9411316

5/9/2021	900.1733	129.7	618.7534	111.4633	409.5402832
5/9/2021	913.268	131.856	617.356	162.96	413.4837646
5/9/2021	907.74	136.4	615.32	148.61	416.4421387
5/9/2021	915.935	136.67	614.24	132.06	421.5420837
5/9/2021	908.74	153.96	614.75	118.87	416.3835449
5/9/2021	911.48	147.45	613.47	110.08	410.1865845
5/9/2021	923.5734	135.9867	613.5734	114.3133	404.5315247
5/9/2021	928.1133	129.4133	615.5267	118.2	407.2842102
5/9/2021	922.6133	124.5467	617.5334	115.48	409.9368286
5/9/2021	916.9	130.16	618.6067	110.2067	412.6237183
5/9/2021	912.34	131.0733	617.8867	112.28	411.4254456
5/9/2021	914.62	132.6133	616.9067	123.6333	410.9642029
5/9/2021	909.3867	142.84	616.02	131.8867	419.3396606
5/9/2021	910.4467	166.8267	615.5422	143.0267	413.4550781
5/9/2021	915.9067	149.3233	614.7333	134.9467	408.1748047
5/9/2021	919.9	132.2667	613.7267	126.3333	404.6695251
5/9/2021	927.1733	127.1533	613.6067	121.8667	403.6919556
5/9/2021	920.2	127.2933	612.9867	119.4467	407.0058899
5/9/2021	914.6266	131.6133	614.6367	113.8667	409.2850342
5/9/2021	910.62	141.66	616.7667	115.56	411.3788147
5/9/2021	907.5867	131.0467	618.3467	122.3733	414.7988892
5/9/2021	900.32	154.2133	619.3067	122.0133	412.9194031
5/9/2021	912.3867	161.84	619.4933	122.3	407.3788147
5/9/2021	923.9733	133.9267	620.22	115.7133	403.6599426
5/9/2021	928.1133	138.4067	620.1467	165.5	402.6455994
5/9/2021	923.2867	138.6267	618.18	153.2133	404.2693176
5/9/2021	916.8933	133.0467	616.5566	118.27	408.7952881
5/9/2021	917.48	133.7867	614.7083	127.1033	410.1583252
5/9/2021	909.0067	132.06	614.1567	116.8033	412.2006226
5/9/2021	907.3566	143.32	615.5267	113.4483	413.5811768
5/9/2021	908.2916	163.41	616.3734	113.3967	408.812439
5/9/2021	912.7534	165.4633	618.1733	111.9967	402.429718
5/9/2021	922.5833	141.0833	618.8167	117.63	
5/9/2021	929.5467	129.75	619.0734	113.65	
5/9/2021	929.8367	132.7933	618.8834	114.46	
5/9/2021	924.1967	130.1467	618.5433	116.88	404.2306824
5/9/2021	917.5533	132.0567	617.9166	164.59	409.811615
5/9/2021	911.21	132.6467	616.0433	145.6967	411.3403015
5/9/2021	909.08	130.8833	614.2466	114.8017	413.3595886
5/9/2021	908.75	154.1733	614.2067	121.57	406.2275696
5/9/2021	909.89	179.4767	615.0933	114.8967	401.2900391
5/9/2021	915.98	144.4867	616.0783	111.1217	399.7490234
5/9/2021	934.2067	132.2433	617.2017	115.0033	399.9118652
5/9/2021	927.3867	130.9233	618.6633	110.61	403.7480164
5/9/2021	920.3033	141.1867	617.8033	116.2533	406.190918
5/9/2021	915.7933	134.22	619.895	111.545	410.8590088
5/9/2021	911.1767	128.17	618.6633	116.95	413.3017578

5/9/2021	904.5033	132.8833	617.6567	124.4667	411.9259338
5/9/2021	911.94	134.58	616.76	158.78	404.8085327
5/9/2021	908.66	179.92	616.06	134.84	400.2606506
5/9/2021	921.58	169.7	615.25	118.82	399.8258057
5/9/2021	923.14	137.46	615.84	125.64	399.8434143
5/9/2021	934.61	129.9	615.3	112.64	403.5636597
5/9/2021	924.505	132.0508	613.6417	112.275	404.6746521
5/9/2021	920.8533	133.67	616.705	115.5625	409.1307678
5/9/2021	916.1266	131.895	619.8083	116.855	412.5687256
5/9/2021	912.4083	129.5025	619.0734	120.3233	409.5419922
5/9/2021	888.3116	142.4733	620.4183	111.545	403.5402832
5/9/2021	911.2866	136.7683	619.4733	111.175	399.1880798
5/9/2021	915.14	193.4283	618.4633	165.0667	398.4613953
5/9/2021	905.615	186.355	615.565	140.5667	399.7594604
5/9/2021	910.77	138.8217	616.745	125.0867	403.8984375
5/9/2021	935.875	130.7033	616.5817	112.825	407.7693787
5/9/2021	928.285	129.395	615.7775	116.8033	409.1965942
5/9/2021	922.7967	133.8717	615.6183	117.87	412.0244446
5/9/2021	916.1967	148.835	618.255	112.7367	409.2801514
5/9/2021	918.69	124.5367	620.1367	110.625	402.6797485
5/9/2021	879.285	127.4733	619.125	111.7583	396.7045898
5/9/2021	910.4642	129.9025	620.79	120.7483	396.0606995
5/9/2021	909.4638	183.3286	621.6271	111.6457	399.993042
5/9/2021	916.655	209.3217	619.7966	122.2867	403.3323364
5/9/2021	927.6483	150.4933	619.59	162.2933	408.0756226
5/9/2021	936.7367	132.4817	616.795	145.59	411.7236938
5/9/2021	937.77	134.055	615.0983	127.985	411.835022
5/9/2021	928.9767	132.7033	614.9916	115.2817	413.2512817
5/9/2021	920.1942	131.0867	615.105	121.925	406.5151062
5/9/2021	916.8517	128.99	615.2117	117.0583	401.8479004
5/9/2021	895.3234	131.915	617.2084	113.53	399.7214661
5/9/2021	912.4767	128.8683	616.8016	110.9433	400.5582581
5/9/2021	909.6133	129.1033	617.1967	115.915	403.2884216
5/9/2021	911.0817	208.295	616.7311	120.8367	403.2884216
5/9/2021	916.9367	256.8967	616.5508	121.9733	
5/9/2021	929.0317	162.7417	616.3033	128.65	
5/9/2021	937.9533	127.5217	615.5966	166.5267	413.9257507
5/9/2021	940.08	136.1	614.9916	124.4317	408.6802673
5/9/2021	930.0767	133.2817	613.4183	120.6783	404.0422058
5/9/2021	921.295	130.6933	614.5075	113.4933	399.6498718
5/9/2021	915.7957	128.91	614.5014	117.9625	400.1184082
5/9/2021	912.56	124.965	616.13	112.505	404.1896667
5/9/2021	911.86	124.975	618.38	109.145	406.358429
5/9/2021	910.5725	129.435	619.37	115.405	409.2074585
5/9/2021	910.2012	133.925	620.0134	112.2683	411.0240173
5/9/2021	913.12	238.81	620.195	118.835	413.205658
5/9/2021	924.95	180.62	620.27	112.505	407.5812073

5/9/2021	936.935	131.3	619.17	111.835	403.2817383
5/9/2021	938.4325	128.945	618.27	146.355	397.125885
5/9/2021	931.395	131.295	615.865	133.23	398.0184326
5/9/2021	922.85	130.865	615.23	116.835	401.5811768
5/9/2021	916.96	128.56	614.5375	113.6725	405.2211609
5/9/2021	913.005	126.36	612.49	116.13	407.9532166
5/9/2021	911.1025	126.895	613.14	117.16	412.2905579
5/9/2021	909.345	129.865	613.59	115.955	414.0030518
5/9/2021	910.115	211.565	614.86	124.215	412.8360901
5/9/2021	914.71	245.14	615.87	123.225	407.7741089
5/9/2021	927.58	161.215	614.515	118.11	402.7425842
5/9/2021	935.895	131.475	613.1917	119.035	400.9599915
5/9/2021	937.9125	133.39	611.17	165.06	403.0925598
5/9/2021	928.894	133.098	608.308	128.546	408.4345398
5/9/2021	921.21	128.16	607.31	114.645	412.5851746
5/9/2021	915.205	129.005	606.855	117.935	415.4938965
5/9/2021	911.74	124.8825	607.1825	113.04	418.0154114
5/9/2021	910.4783	126.2008	608.8734	116.6217	416.2185974
5/9/2021	909.1733	129.2517	609.6367	111.7983	409.8394165
5/9/2021	909.395	207.3067	608.81	112.055	402.9020996
5/9/2021	918.7516	212.9167	608.6791	120.345	401.5122681
5/9/2021	931.3983	137.8383	608.3367	117.995	405.9913635
5/9/2021	938.0734	128.7733	607.8975	116.895	410.682373
5/9/2021	934.0017	129.4533	606.6475	140.1967	412.8222351
5/9/2021	924.1183	128.7733	605.5217	128.1483	415.441864
5/9/2021	918.5267	126.2967	604.695	118.8017	417.8536072
5/9/2021	913.3783	124.175	604.7583	126.0817	419.5146484
5/9/2021	911.305	123.1267	604.9534	116.9975	415.2468872
5/9/2021	909.375	123.621	605.7783	111.5217	409.2723389
5/9/2021	908.6783	210.86	606.2734	112.5125	406.5614929
5/9/2021	914.3116	220.0883	606.9317	113.7217	407.7328186
5/9/2021	926.9783	160.0567	607.4266	118.1767	411.723053
5/9/2021	937.1517	127.8783	607.51	112.6217	414.3639526
5/9/2021	937.7217	128.0392	607.49	112.4783	416.0812683
5/9/2021	926.9434	132.8483	607.0208	160.075	416.0812683
5/9/2021	919.2266	126.775	605.4583	129.2883	
5/9/2021	915.2266	126.4467	604.805	126.5358	
5/9/2021	911.5267	122.8533	604.7484	115.5183	413.2831116
5/9/2021	909.8734	122.7783	604.6658	111.0267	407.7629089
5/9/2021	908.9893	222.42	606.0885	112.2343	406.5865479
5/9/2021	915.1967	210.295	607.845	116.945	410.7387085
5/9/2021	928.36	145.6117	609.0275	120.0617	416.5704041
5/9/2021	936.5817	128.1383	609.3416	112.3633	420.0600891
5/9/2021	937.1387	127.2872	608.9033	110.0067	420.4194336
5/9/2021	927.1866	129.6367	608.8066	128.815	422.3332214
5/9/2021	918.9317	125.925	607.245	155.5483	421.1487122
5/9/2021	915.4383	125.2967	604.9461	128.5833	416.6161499

5/9/2021	913.225	121.1383	603.7289	114.7317	410.3702393
5/9/2021	911.5933	121.5617	604.745	113.5775	406.9364929
5/9/2021	909.6383	243.0383	605.2034	119.2183	409.8754578
5/9/2021	915.99	205.445	606.26	113.115	414.5206299
5/9/2021	929.8367	139.9333	608.3033	116.2067	417.9535828
5/9/2021	936.7617	128.4867	610.1584	113.3067	421.0921021
5/9/2021	935.795	128.3067	610.6833	115.6383	422.948822
5/9/2021	926.825	128.3317	610.6758	123.3383	421.807373
5/9/2021	918.945	125.8842	610.3675	116.2683	415.625824
########	914.9229	128.4129	609.5067	189.2167	409.3336487
########	911.555	123.245	606.8275	142.48	408.0960083
########	910.26	121.64	605.49	115.645	409.4204102
########	909.405	143.6325	605.43	116.73	413.226532
########	913.8975	274.67	605.365	116.66	416.6300049
########	926.61	148.12	606.315	119.245	419.3551331
########	937.345	127.995	608.395	119.245	422.314209
########	936.315	125.33	610.66	117.24	421.6758423
########	927.67	126.055	611.77	122.165	415.9740906
########	919.955	123.98	612.23	115.615	411.017334
########	915.005	123.84	610.59	115.685	409.1667786
########	912.4275	107.845	610.025	111.53	410.8862915
########	910.9384	110.395	607.9925	158.475	415.1681213
########	910.595	112.37	605.9183	134.555	417.5296936
########	911.73	245.075	605.04	120.275	420.822998
########	923.17	142.74	605.43	117.255	423.5855103
########	935.93	110.645	605.18	110.885	424.47995
########	937.93	114.89	606.13	113.605	418.7707214
########	929.135	113.73	608.035	117.64	413.6296997
########	921.435	112.455	609.315	117.045	409.7086792
########	915.36	110.655	609.63	116.135	410.7588196
########	912.64	108.33	608.73	111.5475	415.530365
########	911.0575	111.85	607.885	115.425	418.2092896
########	909.3525	109.17	607.42	161.555	420.7122192
########	910.855	296.665	605.605	144.08	424.6465759
########	919.76	168.47	604.89	128.6185	426.8508911
########	933.6017	109.525	604.1284	112.9992	426.8508911
########	939.2267	110.31	604.4367	117.3017	
########	932.7516	109.0267	605.8734	113.9983	
########	924.1967	111.8017	607.3734	115.9017	411.7817383
########	918.525	109.8517	609.3734	115.7217	415.0458374
########	913.5817	108.055	610.7633	110.9767	417.1693115
########	911.8734	113.5183	610.3817	118.3983	421.2533875
########	911.5983	107.475	610.0267	110.7017	423.9077454
########	911.0267	114.6583	608.6733	129.1417	426.5375671
########	912.8917	218.585	607.6266	151.4967	421.8918762
########	926.43	132.9733	605.01	131.36	415.221344
########	934.3284	112.8033	605.0634	118.93	411.6861572

########	932.9533	106.7317	604.8633	114.5267	413.2794495
########	931.0717	117.3383	605.1367	121.3683	416.8140869
########	930.2142	109.47	606.6917	114.295	419.7358093
########	930.0724	107.8367	608.12	112.275	422.5647583
########	931.5156	109.3017	609.2466	115.425	425.4445496
########	932.825	107.475	609.9459	112.9717	427.196167
########	932.055	109.155	610.3359	116.44	420.9267578
########	930.4933	103.63	608.8083	109.4133	416.4951172
########	929.9475	111.2933	608.7817	167.89	412.1805115
########	926.0933	299.2767	605.8066	153.53	413.1227722
########	929.4367	217.2133	604.9034	118.5817	419.8523865
########	935.3	127	605.3	116.8	422.776825
########	933.8	106.5	604.65	109.8	426.1506042
########	932.7	111.6	605.8	112.4	425.8320618
########	932	113.8	607.3	117.9	427.0530396
########	933.8	107.6	609	113.8	420.1657104
########	933.8	109.1	609.7	116.4	415.9622498
########	934.2	110.2	610.4	114.2	413.794281
########	931.2	229.2	609.1	117.1	417.6421814
########	929.4	229.9	608.6	125.2	419.3964539
########	933.4	157.4	607.9	167.7	425.2000732
########	931.6	153	605.3	164.7	362.6991272
########	930.9	151.6	604.4667	158.9	362.6991272
########	933.4	149.7	603.6	155.6	403.8248596
########	932.9	154.3	603.8	156.9091	223.8312836
########	926.6714	147.1714	604.8714	152.8286	224.0490265
########	919.7333	139.8333	606.4	147.6333	0
########	913.8666	211.0333	606	137.9	0
########	910.8333	234.7333	605.4556	134.9167	0
########	911.6667	163.6333	604.8334	138.1333	0
########	911.8666	126.5667	605.2333	131.1	0
########	910.9833	119.1	604.4	157.5	0
########	909.7333	117.1667	602.5667	130.2	0
########	911.6667	108.3333	602.1	116.6667	0
########	912.4	106.1667	601.7333	117.6	0
########	915.3666	111.8667	603.1334	118.7333	0
########	914.5042	123.1	604.0333	123.5	0
########	911.6667	107.8333	606.85	113.7	
########	907.2	104.9333	607.0333	110.3	
########	903.4833	107.2667	607.3666	112.3667	0
########	901.4333	105.1667	606.9667	112.2333	0
########	903.2667	113.1	606.7333	118.1	153.2601166
########	910.2	105.9333	606.4667	109.8333	396.0968933
########	916.6777	107.5667	606.7333	160.2333	405.7536011
########	918.6667	142.1333	604.8333	131.9	415.2859192
########	920.7333	190.0333	605.1667	120.5667	426.0004272
########	915.2333	151.1	605.1667	116.9	420.913208

########	925.0333	117	606.0667	116.4333	371.9026489
########	929.5333	106.0667	607.7667	108.2	376.7203674
########	928.2	110.1667	609.3333	113.7	372.8164368
########	925.6	111.2333	610.2	118.9333	373.5726013
########	922.7667	109.1667	611.1111	118	372.0966187
########	921.0667	106.4	610.3333	114.3	418.8943176
########	919.95	103.1	610.4667	117.1	417.0147095
########	917.7667	255	609.3666	174.7667	419.1204834
########	913.7667	203.2333	607.0667	141.4333	419.4472656
########	926.7333	128.4667	606.3333	124.7	416.8212585
########	929.0667	107	606.2889	114.1667	417.2938232
########	929.9166	106.95	606.5167	112.5833	417.0628662
########	931.5333	116.9167	608.2333	113.7333	416.8798523
########	929.7667	108.2167	609.8333	115.0667	412.6879578
########	932.1	109.0333	611.0333	114.8333	409.5158386
########	934.7167	105.4667	611.4667	111.1667	408.5846863
########	929.9611	107.5333	611.3833	111.2	412.068512
########	928.8167	111.2	610.9667	118.75	412.4132996
########	923.4167	265.7667	610.15	174.4167	415.8214111
########	911.7333	241.4	608.5833	157.7667	418.4868469
########	925.1833	150.6167	606.4333	126.5667	420.8215027
########	926.0416	111.3667	606.7667	113.55	416.5195313
########	925.95	111.0833	607.2333	117.1	411.012146
########	928.3666	108.8167	608.1	111.85	406.9872131
########	929.4917	111.6667	610.25	114.6167	405.7796631
########	930.6167	106.0167	611.75	110.6	406.9048157
########	931.8667	106.3667	612.35	109.5083	411.8699951
########	930.6833	118.9	611.6167	112.5833	415.7915344
########	919.5	251.5667	611.25	115.0333	417.5288086
########	911.95	239.9	611.25	139.3333	421.9517822
########	919.4	134.2833	609.2667	164.0667	417.8922119
########	920.5667	111.1667	607.7333	132.0667	411.4685669
########	924.3583	111.1833	607.2	121.3167	405.5359192
########	930.25	112.9167	607.6	116.7	404.0578308
########	932.9833	113.9333	608.0945	122.45	405.1050415
########	929.8	119.55	608.75	112.0583	409.8766479
########	925.95	209.3667	610.8667	117.6833	412.531311
########	911.3833	312.0333	612.3834	125.8333	
########	906.6334	198.5	614.5167	135.5833	
########	906.7833	136.2333	615.1334	132.6167	
########	898.9333	113.2167	613.9166	116.2167	414.4963684
########	922.0333	105.6167	611.3666	161.7333	405.3446655
########	925.0308	115.5167	608.6833	137.4833	402.364563
########	928.3	121.9	608.5	130.7	406.5293884
########	916.6	218.6	608	119.7	408.463501
########	902.8834	229.75	608.6889	114.0167	410.2208862
########	896.8	156	609	109.8	413.4130859

########	885.4	115.3	610.4	113.8	414.6600037
########	904.5	124.1	611.5	109.4	413.5438232
########	915.65	128.9	610.6	120.4	404.530304
########	912.5	162.5	610.6	131.1	403.5262451
########	904.9	223.3	610.4	119	402.4388428
########	896.4	211.3	609.7	184.9	405.6484375
########	890.2	152.7	607.85	138.7	410.2724915
########	889.5	143.1	607.3	119	411.0585632
########	896.4	136.5	606.8	117.5	413.5696411
########	907.8	160.4	607.3	112.7	415.1904907
########	895.3	190.4	609.5	119.3	415.4146423
########	886.5	182.7	610.8	116.4	411.2053223
########	882.9	148.3	612.6	117.9	404.5246582
########	881.8	135.1	612.3	115.85	400.921936
########	867.1	145.7	612.6	118.6	401.0480652
########	896.8	157.8	611.3	114.9	405.3121338
########	878.1	161.4	612.3	161.4	408.1385193
########	878.5	161.8	610.1	147.5	408.804718
########	872.6	158.2	608.4	120.8	411.473999
########	866	157.1	608	130	415.2449951
########	873	158.2	608.6	113.8	412.0380554
########	868.6	162.5	609.3	121.9	406.9064941
########	867.5	143.5	610.2	109.8	403.4535828
########	882.5	153.4	611.7	115.3	402.5883179
########	863.8	149	613.45	117.5	396.3953857
########	862.4	143.1	612.4	112.7	399.8106995
########	862.4	158.2	612.1	114.9	401.8050842
########	861.6	145.3	610.8	193.7	404.5725403
########	865.6	156.45	608.0667	152.75	405.4194336
########	858.7	144.6	609	119	404.0632019
########	860.2	147.2	608.6	123	396.1454163
########	859.1	153	607.7	113.8	392.1757202
########	853.6	140.2	608.2	113.1	391.5142212
########	856.9	151.9	609.9	113.8	392.9746399
########	855.4	137.3	611.9	113.85	397.8259277
########	853.2	151.2	613.2	120.4	399.9130859
########	853.0167	148.8167	612.7077	114.6538	401.7804871
########	851.3167	153.8667	612.9333	121.75	403.8837585
########	849.3834	144.5667	614.7667	169.8333	
########	852.9667	149.8833	609.7833	154.1333	
########	853.5	147.8667	607.9833	126.3	
########	852.7667	146.95	607.3834	113.1333	389.4513245
########	850.5667	147.5667	608.5333	119.2167	392.2220764
########	850.6	140.6	609.5667	116.3667	396.3483276
########	855.75	150.0667	611.1667	118.1083	398.6205139
########	850.7	126.55	613.1334	109.4667	401.2640076
########	850.5667	146.8833	612.6055	114.5333	404.3047485

########	835.9667	160.2667	613.5167	124.5667	400.9692078
########	854.1166	145.6333	613.0667	115.7	396.23172
########	847.8834	150.8333	611.8417	184.5667	389.4359436
########	847.2833	133.0833	610.4333	156.9833	387.6307678
########	849.4	141.2667	608.1333	123.6333	387.7755737
########	852.3167	146.0333	608.4167	125.2667	390.5510864
########	850.975	149.15	607.875	114.85	393.042511
########	843.55	139.2167	609.4667	117.8333	395.7525024
########	836.7667	142.0667	610.2333	117.8333	398.0006714
########	850.7667	138.35	611.6667	120.4667	399.362854
########	846.05	129.25	613.3834	113.0333	394.8574829
########	850.0834	139.7833	612.3833	120.7	389.3839417
########	850.5533	130.5133	611.7367	120.7083	386.4111938
########	849.3284	153.015	611.255	163.41	387.1212463
########	842.7467	142.1467	608.8933	138.37	390.447113
########	848.896	128.526	608.644	115.63	394.8598022
########	858.135	124.7933	608.635	119.3733	395.2827148
########	854.9567	125.0867	609.1733	117.375	397.9506531
########	857.5341	128.6067	610.8884	121.2983	399.8764648
########	857.6733	156.22	611.165	123.645	396.2754822
########	850.8134	152.9783	613.4183	119.1683	392.126709
########	815.2833	151.6767	613.4183	119.33	391.8585815
########	855.0267	121.405	613.0367	110.6467	395.477356
########	857.3983	119.33	612.4183	124.115	394.8320618
########	859.5983	119.1283	610.765	156.2083	397.6006775
########	864.835	123.29	610.03	131.245	400.8476868
########	862.855	141.725	609.37	121.695	401.9482117
########	861.615	135.14	608.9517	110.27	402.7979431
########	859.535	194.65	608.85	123.575	399.7541199
########	855.485	141.2	609.955	110.63	394.9100647
########	854.875	116.595	611.13	113.03	389.2496643
########	851.85	125.57	611.265	112.645	390.6187744
########	862.83	136.43	612.16	109.155	391.7258606
########	865.16	112.745	611.305	116.785	396.1187439
########	865.23	121.97	611.44	161.68	400.3570251
########	864.67	123.265	608.67	143.71	402.183197
########	860.64	186.83	609.31	117.485	400.9237671
########	856.17	191.94	608.925	121.375	403.0856628
########	856.045	141.78	609.84	116.665	398.4220276
########	844.145	113.0175	610.27	109.3475	398.4220276
########	860.53	117.785	611.0275	113.935	
########	862.245	110.065	611.91	109.855	
########	864.27	119.29	611.07	112.785	391.1174927
########	841.265	114.845	611.3225	113.745	397.3401489
########	864.845	141.11	610.29	144.475	401.8160095
########	861.86	202.055	609.875	161.825	403.5129395
########	857.0925	168.635	609.0525	127.005	405.9169312

########	858.1517	134.51	609.2062	123.29	401.8681335
########	859.815	114.375	609.37	112.12	395.0790405
########	861.355	119.095	610.085	116.855	390.2819214
########	862.455	112.385	611.395	112.07	391.9364929
########	863.87	111.88	611.95	109.785	393.6069336
########	864.8025	158.285	612.225	118.425	396.0518494
########	862.37	149.4	611.63	114.46	398.5043335
########	859.205	174.765	611.475	117.87	400.8261108
########	858.5109	139.784	610.73	166.445	403.2860107
########	860.525	122.4817	608.9033	132.5367	403.3474121
########	863.9933	119.155	608.9617	123.7367	399.3866272
########	864.745	119.2283	608.635	118.5767	394.7417908
########	865.4933	115.0933	609.255	113.6083	392.4592896
########	865.3134	135.75	610.3416	111.6383	393.407959
########	863.2684	171.3067	611.4275	113.6317	395.6329346
########	861.7933	169.3567	612.1417	116.0617	399.2848206
########	861.6617	139.0417	613.0967	123.87	404.4379578
########	861.9767	121.175	612.8834	118.43	406.2889404
########	865.1191	116.23	612.3825	143.16	408.2994995
########	865.4033	121.9467	610.1517	155.5133	403.4154968
########	866.2067	116.7017	608.555	123.725	397.0873108
########	866.0617	136.74	608.0209	120.74	393.6648865
########	863.8367	168.6167	608.8989	118.0317	394.0688477
########	859.9933	191.3533	608.8967	114.9383	398.5557556
########	860.5383	148.7717	611.3209	120.5933	402.7388611
########	861.8317	119.3367	612.1417	116.2067	405.9473572
########	863.5725	119.085	612.2033	119.1317	409.4111633
########	865.4417	114.635	611.7067	116.5808	409.1233215
########	866.955	111.225	611.265	114.3317	407.7525635
########	867.3317	117.22	610.69	168.065	402.6023865
########	867.1383	139.4267	609.0275	133.2983	397.5025024
########	863.475	177.2817	608.6067	127.4867	396.0225525
########	860.9133	166.4433	608.6067	115.53	396.8748779
########	859.9933	132.5967	608.665	114.2133	400.8350525
########	861.4794	118.1183	609.7967	117.55	405.0492249
########	863.6694	112.0542	611.4033	112.325	408.5510254
########	865.1733	111.6717	612.7266	114.3267	408.6408386
########	866.895	110.8758	613.1266	113.2467	411.9552307
########	866.5367	117.8925	612.11	112.8233	405.3676453
########	865.5734	158.8083	611.5417	153.8067	398.5310669
########	861.925	178.14	609.71	157.5983	398.5310669
########	860.7634	162.0917	608.505	123.66	
########	861.0306	121.8283	608.1367	112.9733	
########	863.3734	114.4567	608.3367	116.8678	406.435791
########	865.1183	110.5717	609.0217	112.8783	409.1061096
########	868.1967	118.4533	611.1583	114.0533	411.8596497
########	870.1475	110.405	612.6633	115.0033	412.8847046

########	871.0634	119.9733	613.2783	114.5483	406.807312
########	868.2516	158.4417	613.1367	119.0275	401.8815002
########	864.6783	183.0667	612.2417	114.4567	398.333252
########	862.9534	148.3033	611.615	183.0867	396.9451904
########	864.4217	125.255	609.6367	145.0583	403.679718
########	866.8608	113.2642	608.1367	122.03	405.5044861
########	867.6266	112.4783	608.5366	120.3767	407.9229736
########	869.4755	110.445	608.19	113.9433	407.8862915
########	870.0483	123.2983	609.5634	119.13	411.3103638
########	869.98	162.46	611.135	113.7175	408.6384888
########	867.395	173.035	612.385	114.305	401.4509888
########	864.54	140.905	612.89	111.125	397.6662598
########	865.335	119.2	612.655	111.84	396.3096008
########	866.89	112.01	611.685	115.13	397.7383728
########	866.565	109.03	610.88	164.16	403.3966064
########	867.84	117.065	609.225	140.49	407.4732361
########	869.255	133.065	608.245	117.6983	410.6663818
########	867.0475	157.955	608.195	119.855	411.7941589
########	865.2475	179.445	608.23	118.925	411.9814758
########	864.0867	140.7	610.6525	114.705	405.9330444
########	864.14	125.15	612.13	118.33	400.5661011
########	864.93	110.84	612.115	110.3275	397.7828369
########	865.1016	120.805	612.01	116.3	398.9952087
########	866.845	111.7025	611.0675	118.035	403.6282959
########	867.44	184.795	610.66	123.49	408.1334229
########	866.07	149.065	609.015	161.035	410.7134094
########	863.6275	167.4	607.39	127.5	412.6957092
########	862.82	138.405	607.67	135.57	413.8853149
########	863.6725	113.38	607.24	112.9875	409.7782593
########	864.8775	112.2783	608.37	114.53	403.7847595
########	866.375	110.2667	609.0883	114.2433	402.5627441
########	867.1066	129.9633	611.4966	112.0067	404.7851257
########	865.705	163.8567	613.1934	120.775	407.1691895
########	863.8066	182.4217	613.3934	117.4883	410.1279907
########	861.5883	148.4283	612.61	122.945	414.1612854
########	861.9817	120.1733	612.0966	113.555	415.6843262
########	860.6967	120.7633	610.615	175.5667	417.0174866
########	861.2933	124.4683	608.415	141.3617	409.6478577
########	861.305	111.2683	608.3322	117.0817	406.0456543
########	859.8183	181.3367	608.1017	122.5633	404.1761169
########	858.0092	236.8917	608.0067	116.0067	402.9504395
########	855.7933	155.015	609.1033	116.4211	402.9504395
########	855.0933	118.255	610.6066	117.095	
########	856.4883	111.9933	611.3033	115.995	
########	857.0475	118.2317	611.5016	121.445	410.0762939
########	857.7408	111.2867	611.2983	114.1883	415.1180725
########	858.7117	125.2367	610.4133	142.9967	409.5871582

########	856.1558	171.2167	609.8934	162.0133	404.4520264
########	853.6183	165.9833	607.3033	121.2917	403.2352905
########	852.4933	126.845	607.8934	117.9367	401.2617188
########	852.905	112.03	607.8322	110.9117	405.696106
########	853.6066	110.9733	608.9908	113.1183	407.8179932
########	855.3808	105.1078	610.385	112.3817	408.8735657
########	855.2283	130.8317	612.1367	113.745	410.9924927
########	853.475	157.2717	613.255	119.605	413.1221313
########	852.8267	184.6617	614.2633	117.4267	409.4313354
########	850.3734	142.9867	613.4183	121.255	404.8634949
########	851.6533	121.1633	612.6367	122.74	401.59729
########	852.3716	114.105	610.8734	174.52	404.7432556
########	852.955	113.745	608.8141	139.21	410.0438843
########	854.2572	126.6667	607.6633	118.1567	412.6213074
########	853.1071	139.2617	608.51	116.2017	413.5288086
########	850.5016	184.445	608.8367	114.3983	415.4119263
########	848.3508	154.7417	610.345	118.145	414.9351501
########	848.3533	123.0333	611.4083	118.5358	409.859314
########	849.5267	115.2667	612.8734	116.5983	404.9791565
########	850.2603	113.14	612.4595	117.76	401.2276917
########	851.86	105.94	612.31	109.78	400.7714233
########	853.48	131.16	611.98	121.2	402.0071716
########	852.14	183.78	609.66	169.54	409.9859009
########	848.26	187.26	608.52	142.66	413.2119446
########	846.68	134.12	608.36	117.16	416.1714783
########	846.32	109.4	607.76	111.82	415.90979
########	848.28	106.28	608.14	112.84	410.3237
########	849.66	109.66	609.84	113.58	403.0099182
########	851.8033	131.03	612.1434	116.1067	403.2029114
########	850.3033	143.61	612.78	117.6983	402.9630127
########	847.2567	186.8433	614.3533	119.4067	404.0365906
########	843.41	158.8633	613.37	113.3733	405.621521
########	841.9434	123.7	612.5467	125.05	410.7626343
########	842.9266	116.6533	610.93	163.12	412.2559814
########	843.4434	110.2033	609.0033	130.66	412.5690918
########	844.9467	105.5033	608.2634	111.7033	407.8951111
########	845.31	171.8867	607.9683	119.7367	401.0843506
########	842.3033	161.5067	608.9166	121.8483	398.3507996
########	840.1033	174.71	610.97	118.3433	401.5773926
########	837.7567	136.61	613.1266	114.75	403.5836792
########	838.3066	114.0133	613.5367	110.0167	406.2549438
########	839.4067	109.0517	613.72	111.9267	409.1186218
########	840.2717	126.19	612.7266	120.25	409.1186218
########	842.01	109.1033	611.72	116.7517	
########	842.1567	175.7	609.9767	163.3033	
########	838.5517	170.8967	608.5267	131.9133	404.8718567
########	836.6017	163.0067	607.9567	117.7567	400.3400574

########	835.0367	128.9767	607.9367	122.63	400.7051392
########	835.1567	112.66	607.89	117.76	405.6405029
########	837.0967	109.5033	609.68	113.5033	407.3330688
########	838.4171	113.8914	611.377	112.4505	409.039093
########	838.5067	126.8867	611.9133	116.9133	411.7823486
########	837.6866	189.26	612.8233	125.9	412.5912781
########	835.4867	176.14	612.8533	118.04	405.8553467
########	833.9067	129.9333	612.1933	114.0133	402.6404419
########	833.8267	115.4	610.72	168.66	401.5793457
########	834.8289	120.5133	608.68	144.1267	400.6203918
########	836.9867	119.3733	607.8067	128.6	405.7116699
########	839.0067	112.74	607.9467	115.26	409.8234558
########	838.3867	140.6067	608.4933	114.0933	411.6720581
########	836.7267	185.5933	609.5133	118.5733	411.5251465
########	832.3	167.5867	611.1733	121.6867	408.8122864
########	832.7266	128.9467	612.1667	116.3267	402.1088867
########	831.81	116.91	611.5918	115.15	397.0465698
########	834.62	111.37	611.6067	122.5267	397.1624451
########	836.396	110.36	611.18	122.196	397.1624451
########	838.9266	122.7867	610.18	169.3133	404.7774048
########	838.6	121.5733	608.28	131.0333	408.2729187
########	835.79	171.5	607.7327	125.04	411.1213684
########	833.94	186.2	608.2861	121.64	411.890686
########	831.23	130.74	608.61	114.25	405.8294067
########	831.32	116.89	610.0834	118.11	402.1738586
########	833.52	108.42	611.795	110.94	398.1933289
########	835.11	111.74	611.36	114.08	397.0092163
########	835.84	108.98	610.86	115.02	401.9516602
########	836.61	131.73	610.37	123.49	404.039917
########	834.5967	155.87	610.91	149.1	409.2679749
########	832.42	187.75	610.19	155.66	412.2894897
########	831.9033	146.53	608.54	136.87	411.9108276
########	832.82	117.28	608.335	115.25	405.8494873
########	833.92	111.29	608.28	119.71	398.1757202
########	835.74	108.86	609.09	113.99	397.6008301
########	838.32	107.215	610.11	112.38	395.3470764
########	836.43	122.16	611.6	116.91	399.0422058
########	837.71	141.48	612.74	114.37	404.5558777
########	835.95	191.01	612.585	125.74	406.7825317
########	838.25	142.78	612.25	115.74	406.6322021
########	833.205	124.05	611.68	169.065	406.1876221
########	834.5733	124.2867	612.1533	136.2733	402.2758484
########	835.2466	112.7533	611.0267	117.3533	402.2758484
########	840.1467	119.46	610.8267	128.6133	396.3833008
########	851.4	135.5067	610.9467	112.64	396.8479614
########	836.7534	177.8067	612.04	117.82	396.8479614
########	834.6467	182.5333	611.9267	111.1933	404.7235718

########	836.7	145.68	612.6533	110.94	406.2350769
########	837.0466	124.6867	613.7267	122.14	408.2159119
########	835.3933	122.1933	613.7534	113.7933	405.124939
########	835.2466	117.7	614.1266	118.2733	398.1788025
########	839.2067	114.4533	612.34	156.04	395.0701294
########	837.3933	116.3467	610.6467	125.4	395.0142212
########	839.74	143.1533	611.3533	117.26	395.920929
########	834.9733	145.1333	610.4267	111.36	398.8002319
########	840.6733	161.6867	611.4667	116.1467	399.3720398
########	834.37	125.6067	612.92	112.6067	403.4676514
########	837.1733	114.3267	613.0667	113.3	406.074707
########	828.6266	117.72	614.56	116.0533	403.1513977
########	841.3533	106.68	613.12	113.8133	399.3425293
########	841.26	115.06	614.0133	115.4467	392.9189453
########	840.2534	124.08	614.5867	167.94	394.2505493
########	836.2933	179.4533	611.5133	151.4933	396.9263916
########	836.26	201.6933	610.2267	121.2933	400.0683899
########	836.6067	138.42	611.26	113.1767	401.9335327
########	835.74	121.2067	611.4067	111.9467	403.0780945
########	849.2933	120.43	611.6867	120.7033	404.9730835
########	844.0733	124.47	613.6767	115.3233	400.9538879
########	846.5767	116.0867	614.4033	115.2867	395.7269592
########	848.1433	111.9267	614.3066	110.4633	391.5032043
########	847.3766	137.6733	614.795	126.2133	390.9267578
########	845.4567	170.6567	614.0767	141.36	394.4208374
########	840.8967	219.6367	615.02	188.6033	399.2557068
########	829.14	148.5433	611.5133	151.8067	403.6178894
########	840.4233	120.7867	610.2133	122.8933	404.3033447
########	845.8033	128.6767	611.2833	116.8367	403.7181702
########	844.05	114.3467	611.5566	111.9567	398.9915161
########	845.1867	123.5667	610.7933	118.9633	393.7590942
########	845.8767	111.41	613.8633	116.7733	391.291687
########	846.5767	152.8433	613.9067	111.7744	390.9349365
########	841.5133	207.96	614.9867	115.2133	393.0612793
########	839.7233	169.8867	614.4383	123.59	399.0675049
########	840.0089	155.62	614.9933	126.12	402.9796448
########	842.95	117.9633	613.21	166.61	405.0396729
########	842.7033	115.2867	610.9933	137.0217	405.3143005
########	843.7133	114.8633	610.4067	116.3767	398.5080872
########	844.03	121.0367	608.2467	118.8533	392.1817932
########	813.6367	109.3433	611.2633	113.3933	389.4467468
########	834.68	148.34	612.84	115	389.8668823
########	840.22	194.48	614.78	117.8	392.6735535
########	838.66	142.94	616.28	114.76	398.0327759
########	842.12	130.3	616.68	118.38	
########	840.26	116.08	616.18	127.46	
########	839.62	124.79	614.28	133.1	

########	851.08	110.16	613.12	148.92	399.6151428
########	823	139.66	611.02	118.56	391.7521973
########	836.08	158.36	610.62	140.98	389.1221619
########	840.18	200.14	611.26	121.44	392.124176
########	834.2	154.24	611.44	110.16	394.8148499
########	841.6	124.56	612.96	111.1	396.3321533
########	838.44	113.12	613.52	112.12	398.288208
########	841.92	123.44	612.58	119.9	402.0457458
########	841.72	113.58	613.98	118.34	402.8365479
########	844.68	116.18	612	125.86	397.5980225
########	843.88	178.18	612.38	150.24	393.6029053
########	829.46	162.36	610.72	119.02	389.7424622
########	838.82	166.12	610.84	127.36	389.5959167
########	839.72	129.8	611.6	119.84	393.9316406
########	825.86	112.8	611.12	111.8	394.5805664
########	841.84	112.32	611.94	106.58	396.2403259
########	845.24	112.44	613.17	112.55	399.6734619
########	847.92	125.2733	614.4266	119.8433	402.8333435
########	847.1655	121.338	614.462	112.159	400.3708496
########	844.9721	151.5393	614.7305	111.0508	393.4382324
########	849.1216	189.3783	612.7067	156.8983	
########	836.16	144.4267	611.0217	135.6567	390.0552368
########	839.7734	118.775	610.9534	119.095	392.3278503
########	845.4883	111.4342	610.8766	109.5317	395.861145
########	849.5333	114.8667	610.7233	112.175	396.2648926
########	848.6234	114.4783	613.1234	111.415	397.848053
########	845.9933	146.635	614.8766	113.5317	402.3774414
########	846.0533	171.6333	615.715	116.7183	401.438446
########	844.1575	166.2717	616.615	119.9567	397.5705872
########	842.8683	139.9217	616.2617	116.8917	391.8241577
########	844.03	115.53	615.785	142.5983	392.3701477
########	844.8217	134.77	613.745	162.7883	392.8297424
########	845.7467	118.1483	612.5533	128.7367	397.0780945
########	850.4017	113.3783	611.315	112.69	399.0482788
########	853.05	176.885	612.19	114.13	399.8069458
########	841.54	189.38	612.03	114.79	401.3545837
########	840.585	159.16	614.215	122.025	403.0726318
########	841.61	106.375	616.23	116.495	399.5256653
########	839.535	126.025	617.0717	120.895	393.0880432
########	846.655	115.15	616.855	115.395	391.5989685
########	841.815	115.395	615.22	117.815	391.5989685
########	845.995	144.725	614.755	160.41	395.789032
########	837.065	199.735	613.275	154.13	399.9177246
########	830.57	186.37	612.03	129.695	402.907959
########	826.115	123.73	611.025	114.215	405.5875244
########	827.395	131.7875	611.09	122.78	405.5875244
########	817.135	121.13	612.01	115.975	

########	827.715	112.92	613.11	112.425	
########	828.205	122.215	613.625	112.77	390.5420532
########	825.5525	146.085	613.995	116.25	391.8284912
########	823.855	174.08	613.955	129.75	394.6242676
########	821.825	154.045	613.13	115.92	399.2722168
########	822.6075	125.53	612.555	165.045	402.6895447
########	823.7575	120.58	610.555	135.925	403.7530212
########	824.615	120.015	610.155	123.425	406.9266663
########	825.4756	117.885	609.83	116.69	404.2956543
########	824.6883	158.25	610.0983	120.185	398.9119263
########	822.1566	161.91	611.87	118.8867	393.0536804
########	820.7133	159.5333	613.67	118.9117	393.2567444
########	819.0295	128.0483	615.0867	114.7017	395.5216064
########	819.9567	115.95	615.3134	114.0617	399.6827698
########	820.2117	115.49	615.1434	115.5233	401.1419983
########	821.0059	119.8217	614.345	137.345	404.0497437
########	820.4075	151.7983	612.4316	155.1417	407.4187622
########	819.875	163.685	611.285	149.3367	409.6043396
########	818.6867	163.145	610.6267	125.4533	403.3519287
########	816.0983	128.3867	610.63	111.0217	397.8114014
########	817.4133	118.1417	610.6566	109.8567	396.3360596
########	819.2491	116.0967	611.3566	115.6117	396.5236511
########	818.5134	125.1667	612.97	121.555	401.6968994
########	818.3508	122.0775	614.9117	110.415	405.2062683
########	817.9866	165.775	614.6417	113.3567	406.8644104
########	815.8033	173.53	614.1566	118.7733	409.2847595
########	814.9017	134.5533	614.33	169.76	414.8215332
########	815.5378	117.05	611.4733	156.6483	409.1952209
########	816.2117	109.21	609.93	119.11	402.3334656
########	818.2017	107.4867	609.6434	112.4767	396.7035828
########	819.285	109.0367	609.8167	109.185	398.0527039
########	818.6866	164.8833	610.5134	111.7133	400.8383789
########	815.4533	200.8083	612.7515	116.5343	406.1862793
########	813.2767	155.11	614.565	113.4575	411.9076538
########	812.865	117.815	615.8417	109.6717	410.0092163
########	813.2533	110.7133	614.6883	114.8958	411.8252869
########	814.4409	114.5533	613.0817	122.2383	410.6419678
########	815.6284	126.4433	613.7233	124.3967	406.90448
########	814.7533	135.1583	612.825	173.795	403.2217102
########	813.0767	154.5233	610.3417	143.9083	403.1738892
########	811.8233	165.7683	608.8817	116.3183	403.9004211
########	809.3837	143.4133	609.6767	122.9217	406.4492493
########	809.8822	119.1283	609.9584	113.8383	410.1596375
########	810.4375	113.325	611.2584	115.9333	412.7319336
########	811.1467	111.5183	613.0583	114.69	414.5249634
########	811.2767	110.6242	613.6284	109.2458	411.0396729
########	811.3716	146.805	613.9467	116.575	411.0396729

########	808.4183	152.125	614.23	116.415	
########	806.4767	149.5083	613.4039	119.9333	
########	806.7466	122.39	613.3716	170.6967	402.4780273
########	807.4467	111.2067	610.93	145.0117	407.7118225
########	808.5467	112.505	609.5467	121.4683	408.5832214
########	811.1467	112.5833	609.3233	112.3533	412.7626953
########	809.6467	130.9417	609.9409	119.7967	414.0505371
########	808.9467	155.2617	610.905	112.7467	413.1091309
########	808.1325	190.53	613.38	114.505	406.2069092
########	805.62	138.295	615.41	121.445	402.5617981
########	806.265	120.695	616.215	119.775	400.0585938
########	807.08	112.6	617.005	113.625	402.2621765
########	809.205	109.135	615.265	112.035	405.9060059
########	809.965	114.055	614.63	165.4	411.630188
########	810.72	135.455	612.82	163.905	413.8301392
########	808.92	156.955	611.89	140.125	416.948822
########	807.59	171.93	610.21	131.545	413.8138733
########	806.035	136.925	610.1125	119.79	407.9896851
########	807.08	117.575	610.415	114.58	404.826416
########	808.88	111.28	611.855	112.755	403.1401978
########	808.935	113.625	612.765	118.185	404.0632629
########	811.48	107.785	612.2575	115.54	408.8439941
########	812.8825	126.32	612.395	110.235	410.0498047
########	810.685	171.91	612.59	131.435	412.9408569
########	807.6733	173.245	611.87	166.615	417.8901978
########	806.775	141.65	610.115	141.635	415.2857971
########	808.575	109.415	608.9083	113.025	409.1012878
########	809.4371	106.19	609.6133	112.3858	403.3190308
########	811.5616	115.5383	609.5433	124.6367	401.2362671
########	812.835	105.025	611.1083	109.9517	406.4062195
########	814.865	116.8717	613.3917	111.7617	409.2865295
########	812.7825	158.535	615.0483	114.1883	411.4199219
########	809.5383	193.3917	615.5855	117.495	415.5469666
########	807.2484	144.7683	615.5084	121.585	417.8564453
########	807.165	112.72	614.6083	113.8033	416.184845
########	808.2325	117.115	613.3567	159.0733	410.7862549
########	808.8567	110.8283	611.235	140.1333	404.967804
########	809.4517	105.335	609.9266	113.5883	403.8300171
########	809.365	142.6067	609.3433	122.3567	406.819458
########	809.0616	153.2283	609.3917	114.3633	411.5717773
########	805.6866	172.43	610.335	117.27	414.188385
########	804.19	138.005	612.5783	115.5383	419.1314697
########	804.2533	123.01	614.6053	120.2033	417.8512573
########	805.5489	124.8617	614.6083	124.1933	413.3921204
########	807.7134	110.2325	614.8483	114.0383	411.2001648
########	808.0267	123.115	613.6567	130.8967	404.7130432
########	808.265	146.3183	611.9384	175.5433	406.1316223

########	806.0575	145.0683	610.3683	141.22	406.1316223
########	804.2022	172.875	608.9083	118.5183	
########	802.8073	127.1333	608.7533	116.2367	
########	802.9783	115.125	609.53	114.725	415.626709
########	804.5511	109.275	610.655	109.8625	418.1261292
########	806.0317	109.9633	612.1925	113.4908	414.9237671
########	806.4317	109.5217	613.0467	115.1967	408.8162842
########	807.5317	131.3267	613.285	110.7467	404.1478577
########	805.3217	180.7683	612.7233	119.7608	405.4017639
########	802.115	161.545	612.485	120.7233	408.0649109
########	802.0575	126.5167	611.8533	164.4117	413.6216736
########	802.1617	111.1583	609.9766	134.155	416.3544006
########	803.955	109.2033	609.0925	117.7667	417.1933594
########	805.7439	112.4217	608.9916	122.3933	418.9349976
########	808.315	114.3817	609.1917	109.5233	414.0773621
########	806.0217	167.7417	610.4467	112.4842	407.5933228
########	803.915	182.58	612.1317	118.3317	408.3776245
########	802.2261	142.565	613.2467	117.7567	408.5862732
########	802.6392	115.2067	613.4617	111.1567	410.8960876
########	803.415	107.6425	613.0943	111.4777	413.2590027
########	804.6575	110.94	612.13	116.44	414.4320374
########	805.4467	107.61	611.7467	171.2567	418.2755127
########	805.6934	128.0067	609.53	143.47	419.5800171
########	805.0186	174.8814	608.0586	122.3569	413.1555481
########	801.985	168.305	608.305	115.12	408.8548584
########	801.03	131.0067	608.595	114.65	408.3804321
########	801.7733	117.9333	609.4733	110.3567	409.5379333
########	801.8267	111.35	611.33	116.01	412.8289795
########	803.6483	104.5267	612.2967	109.4967	416.2799072
########	803.6266	108.7917	611.7867	111.2033	418.2407837
########	804.5867	152.8833	611.0867	120.0833	422.1625366
########	802.17	169.5867	611.4733	122.2733	416.54245
########	800.4733	158.1867	611.5967	172.4967	411.4083252
########	798.7767	127.77	609.1322	144.92	407.6168823
########	801.4266	115.7767	608.1233	125.1422	406.4745178
########	802.4133	104.9267	608.1445	114.57	409.9987183
########	804.2733	116.0267	608.5734	116.5033	413.3080444
########	805.4266	125.82	610.0133	122.9467	413.2019043
########	803.41	143.6067	612.1866	115.55	418.3470154
########	801.7733	171.51	613.6133	119.1533	417.7651367
########	799.7967	152.0133	614.0244	117.1033	414.5578308
########	799.8922	122.2733	613.2167	119.3167	409.5438843
########	801.1233	111.6533	612.7733	114.1333	407.2130737
########	801.6957	106.6733	611.47	156.4367	406.5029602
########	802.5134	112.66	609.6467	137.6333	411.3397522
########	804.7933	124.94	608.62	136.8267	414.0911865
########	805.5067	144.0867	609.26	116.9867	418.5599976

########	801.7867	177.86	609.4467	117.6867	419.4541321
########	800.3134	147.0533	610.4133	115.1933	419.4541321
########	801.0867	123.9133	612.3267	115.7067	
########	801.7867	119.44	613.3467	121.4933	
########	802.8311	112.6933	613.1067	122.2267	408.1672974
########	803.9866	106.9333	611.9933	114.0933	410.3101807
########	805.9022	107.7067	611.98	164.8067	411.6860046
########	804.7933	163.12	610.12	150.7267	415.3335571
########	802.5933	176.0267	609.2911	127.5467	419.8032837
########	800.9933	165.5733	609.1245	119.22	419.7740173
########	799.88	120.1067	609.7534	114.1067	416.9659729
########	802.19	112.48	609.8334	116.2133	410.2192993
########	803.0734	112.9533	612.14	113.58	407.4704895
########	804.3133	109.6133	613.3467	117.6067	408.5259094
########	805.2534	114.2	613.86	114.3067	410.5438232
########	806.1133	134.1867	612.6733	116.5867	413.8636475
########	804.2067	174.1933	613.04	151.5733	418.0276489
########	800.7933	176.94	611.2733	165.6133	418.1739807
########	799.47	144.52	609.905	143.5	420.4996338
########	799.87	114.68	609.48	113.66	413.3746948
########	800.175	107.5311	609.6804	113.3525	406.8275757
########	802.285	111.33	609.34	114.4832	405.9176636
########	803.17	123.56	611.16	118.28	406.3770447
########	803.8677	127.4774	612.371	114.1256	410.3715515
########	803.1847	174.1271	612.3915	111.1203	
########	801.24	155.12	611.83	117.445	412.7202759
########	802.135	133.96	611.27	117.53	417.3762817
########	803.54	121.86	610.82	168.52	412.6126099
########	804.36	108.56	608.9707	133.49	405.2763672
########	805.49	107.28	608.44	115.62	402.0656433
########	806.63	109.61	608.965	112.315	402.1928101
########	806.63	117.35	609.0461	111.48	404.3027954
########	805.56	178.89	610.51	114.82	408.1286316
########	803.06	175.95	612.59	112.99	409.8797302
########	800.9282	131.7053	612.6315	109.2526	412.9857788
########	800.92	114.1733	613.0114	115.2768	410.966156
########	802.56	111.81	612.415	118.025	406.0821228
########	804.4533	111.42	611.9333	169.34	403.2773132
########	806.7467	106.2933	610.6266	137.2867	401.2937927
########	808.4533	138.9467	609.7267	119.44	400.4322205
########	806.7467	145.82	609.4933	117.2	403.8950195
########	803.82	176.8533	609.08	112.9267	407.0716553
########	802.3267	130.4	610.0867	115.6467	411.0882568
########	802.02	117.2	612.9533	113.9733	412.0286865
########	802.6844	108.3267	614.0133	109.8733	408.0098572
########	803.3267	109.38	613.54	110.5533	402.5046997
########	803.8367	117.0133	613.0133	119.4533	399.8253784

########	805.5733	122.82	612.8933	130.4	399.8109436
########	803.12	134.58	610.9733	151.94	401.9649963
########	802.7266	169.3	609.3267	124.5889	
########	801.19	129.48	609.4733	113.6467	
########	802.6733	112.7533	610.0846	117.7933	
########	803.74	108.5933	609.7267	114.7467	412.7247314
########	803.6887	112.1467	611.29	118.4533	403.8015442
########	805.583	113.292	612.7731	115.7423	399.4659424
########	806.19	139.99	612.19	115.7467	399.2158508
########	804.5467	186.4667	612.6933	128.7733	400.062561
########	802.7275	174.1829	612.9268	143.2732	404.2011108
########	802.5978	130.4833	611.6533	154.8967	405.9961853
########	803.17	126.93	610.2084	138.7267	412.102356
########	804.22	125.6433	610.2834	138.0933	412.102356
########	807.7067	120.7767	611.1367	129.5267	408.0852356
########	809.1133	105.9633	610.895	112.2333	403.5787048
########	809.7189	160.5	611.1833	116.5867	398.2703857
########	807.8933	185.9967	612.9533	126.35	396.6139832
########	806.4522	150.26	612.4822	112.2133	399.8502197
########	806.8433	122.9033	612.53	113.0267	402.1413269
########	807.9644	113.3567	612.53	156.6767	405.6753235
########	810.3734	111.0022	610.61	140.5467	408.2276611
########	812.2933	111.39	609.6633	119.8833	409.8836365
########	814.3067	127.4967	610.45	121.2733	405.0407715
########	815.0683	131.2133	610.895	121.1	400.9411316
########	814.7067	190.28	611.8433	112.5133	395.0754089
########	811.45	180.14	612.7067	115.7433	396.8600769
########	810.3067	130.3667	612.54	119.72	400.237793
########	812.0367	108.1133	612.3233	112.75	403.8340759
########	814.5533	110.3633	611.4042	134.4267	406.802948
########	817.1633	121.04	610.47	142.7	408.6239624
########	800.4	120.96	609.86	122.58	406.1061707
########	819.4329	127.98	609.7691	115.66	401.0065918
########	815.6686	171.9629	611.0585	119.5867	394.7889404
########	818.64	166.18	611.66	122.96	395.1691895
########	814.26	125.24	613.5	111.84	396.545105
########	817.4	119.28	613.6	116.78	399.216095
########	817.9	105.8	613.61	120.68	403.5555115
########	804.62	120.36	613.74	120.58	407.2437744
########	811.58	97.2	613.34	144.54	406.2378235
########	808.86	147.16	611.78	126.9	402.5808716
########	812.36	184.98	611.86	126.96	399.9408875
########	804.68	158.08	611.3	116.16	400.0488892
########	803.78	121.84	611.38	117.74	399.4992371
########	808.31	118.58	613.14	121.58	401.8935547
########	798.52	120.98	615.64	115.06	405.5033569
########	812.72	114.78	616.26	112.76	405.7242737

########	810.49	121.16	615.8	114.88	360.781311
########	812.78	173.42	614.86	162.64	404.4472656
########	808.92	186.24	614.14	144.16	409.6874695
########	808.98	149.48	613.16	122.08	
########	810.24	111.8	613.16	122.96	
########	814.42	108.46	612.02	113.82	
########	814.54	113.58	613.5	116.54	428.999054
########	812.88	115.52	615.21	114.68	408.0930481
########	810.5933	136.0167	616.5833	119.6467	402.555481
########	812.4233	166.1233	616.5566	120.0733	399.5511169
########	812.7533	176.13	615.31	115.83	389.1692505
########	813.4866	148.8433	615.9316	147.3133	382.5532532
########	809.6967	125.7467	613.8434	131.2033	378.4974976
########	808.7366	118.3633	613.1133	117.3967	379.6332703
########	809.1866	118.8867	612.5833	114	380.5757141
########	808.5167	121.0233	612.4867	126.05	384.7821655
########	810.8734	138.8333	615.01	114.45	389.2105713
########	807.3766	153.59	616.33	113.63	391.3632507
########	803.92	177.8844	616.3167	122.47	394.3879395
########	806.1984	140.7167	616.08	122.74	390.1070557
########	806.0767	129.7067	616.2567	120.2033	385.269165
########	806.5267	116.9333	615.2267	150.4033	379.253418
########	812.8566	118.9967	612.9133	131.14	378.5469666
########	807.47	119.17	613.2833	114.0533	381.2954712
########	806.0767	130.7367	612.6866	112.5967	383.6021118
########	802.71	167.1267	613.85	120.7233	386.5623169
########	807.61	173.8633	615.0267	117.5933	389.9441223
########	803.2429	139.6657	615.78	114.0533	390.9648743
########	793.2733	112.18	616.3933	109.3933	387.9906921
########	797.3533	112.44	615.7333	114.2733	381.6647644
########	805.95	111.4	615.8	144.85	378.9690857
########	814.7	111.75	614.75	140.75	378.0985413
########	817	129.05	613.275	116.15	378.3821106
########	811.775	142.575	612.2	118.15	382.6338196
########	813.575	193.675	612.225	117.425	386.3439026
########	806.45	147.525	612.875	120.975	389.9312439
########	815.1	124.625	616.4	117.075	390.4954529
########	813.925	120.5	617.25	114.1	385.5452271
########	834.375	114.725	616.575	104.575	379.6490173
########	814.675	98.675	616.05	116.5	378.3832703
########	814.125	121.425	615.525	167.5	377.8023987
########	815.125	145.325	614.525	133.875	380.5935669
########	813.825	195.4	614.25	123.35	385.6999207
########	815.525	176.725	614.4	115.85	389.1661377
########	811.375	130.175	613.025	124.825	392.0309448
########	813.725	111.9	614.5375	110.875	387.8165588
########	811.525	116.975	616.65	113.25	383.2208557

########	811.575	117.125	618.05	114.85	378.1492004
########	811.3	123.625	617.55	111.2	378.6120911
########	809.25	139.9	615.725	110.725	379.3114624
########	824.1167	181.6333	615.275	145.2083	381.486969
########	808.6833	133.575	615.2417	125.3833	381.486969
########	807.525	119.2083	611.9417	113.9444	
########	810.125	130.025	612.4333	125.875	
########	811.375	113.65	614.1334	114.0167	390.8772583
########	811.8333	111.55	615.5083	109.3528	384.4186401
########	812.2584	128.1667	614.6333	106.9	380.2920227
########	811.8333	159.475	615.5667	118.875	379.6282349
########	809.5416	185.725	615.2167	122.3917	382.2440796
########	806.7167	142.275	616.0833	119.2417	383.6416321
########	807.4667	123	614.2208	154.6833	385.9047852
########	808.9333	118.2667	613.0417	127.7333	387.9532471
########	808.5333	116.125	613.0333	120.0333	391.0754089
########	807.4333	127.2167	614.1333	130.6667	387.8631287
########	809.2083	146.8333	614.1417	124.3417	384.0954285
########	808.4417	183.25	615.2584	117.075	380.2260742
########	806.1625	176.3167	615.8833	120.5583	378.7857666
########	805.6333	135.65	616.6625	116.4583	381.914856
########	805.2667	120.1917	616.2889	117.2833	383.1705627
########	806.2416	112.7333	616.2416	175.825	387.2687378
########	806.275	111.3583	613.2125	137.2667	388.4031677
########	807.7375	135.375	612.9833	135.8333	389.9503174
########	806.3666	168.7083	613.1572	146.6429	392.5517273
########	806.1625	192.875	613.0167	127.6167	388.5336609
########	804.1666	173.8417	613.5667	116.8917	383.1861267
########	802.7917	131.7083	613.9167	114.7958	379.9898071
########	803.1833	117.5917	614.9583	114.6458	381.3427124
########	805.1417	114.8083	615.0167	119.1167	383.8844299
########	805.5805	115.175	614.6791	133.575	388.346283
########	806.6666	112.975	613.2417	143.5333	389.2466736
########	805.9833	156.9417	612.3583	121.5917	392.7228088
########	805.1417	188.3583	611.575	124.6167	394.0838623
########	802.7292	165.3167	612.5416	133.1292	389.9650879
########	802.0917	128.1333	612.9833	113.25	383.2369385
########	803.1583	111.0556	613.5167	110.8417	380.5198059
########	803.7667	114.2333	613.95	115.2083	381.5798035
########	804.1333	113.7417	613.7167	116.5833	384.9649048
########	805.8167	109.0667	614.2667	110.5333	388.2545776
########	805.2667	161.9583	613.5333	152.7833	391.0823975
########	805.225	149.35	612.525	146.5	393.3018188
########	803.4625	165.925	611.4833	123.7333	396.0205688
########	802.8167	135.5833	612.025	129.8417	390.7446594
########	802.9528	114.5333	611.7167	120.4917	385.6858215
########	804.5333	112.2167	612.7667	113.5917	381.1618958

########	805.175	111.175	614.0667	113.5917	382.7897339
########	805.7	114.6	614.575	115.65	384.7400513
########	805.9	150.875	614.975	125.125	387.9003601
########	804.2375	188.45	614.425	110.825	392.0044861
########	803.275	161.925	614.125	149.2125	392.3421021
########	802.075	133.45	611.75	134.975	392.3421021
########	802.9	120.875	611.65	123.8	
########	803.75	110.175	610.975	116.275	
########	804.4	109.05	611.575	114.575	384.7335815
########	805.075	112.725	612.85	113.75	382.7952576
########	804.3	157.175	614.15	111.075	384.6818237
########	801.875	153.2	615.125	116.75	387.1365967
########	801.4	147.35	615.725	118.875	391.5109863
########	801.7	118.9	615.375	113.9	395.1074524
########	802.075	109.25	613.7	164.95	394.4056396
########	803.425	113.675	611.9	137.05	394.5142212
########	804.6	124	611.325	131.45	390.4590759
########	805.4333	106.9375	610.55	112.275	387.2216187
########	805.075	139.15	611.1364	109.175	381.5664063
########	803.3423	150.55	612.5286	113.3571	380.8791504
########	801.7667	167.1333	614.5917	116.6417	386.7534485
########	801.8333	128.5167	616.1542	115.6333	389.9737549
########	801.8333	108.9167	616.4958	112.6194	392.5204163
########	801.8333	109.0417	615.8666	114.425	396.0597839
########	803.7125	107.55	615.2833	135.9	396.9243164
########	804.3333	119.85	613.8583	158.4917	390.021698
########	805.0542	140.4917	613.275	127.7917	387.1077271
########	804.2584	150.225	612.5917	114.7167	384.9417114
########	802.125	158.975	613.0917	111.0167	382.4020691
########	801.1417	128.825	613.7584	112.0042	386.0722656
########	801.3083	124.7167	615.025	115.8917	390.6999512
########	801.7667	107.5333	617.4333	110.8833	393.4350891
########	801.1292	105.3292	618.6167	108.125	395.3364258
########	802.2217	128.1167	618.7417	115.7167	395.4429932
########	801.8333	146.5833	618.6542	128.5167	393.4597473
########	801.1292	191.5583	618.6167	146.1083	389.0797424
########	800.2167	162.2667	617.1333	182.3917	387.5305786
########	800.8583	150.1917	615.0833	144.0667	386.6453247
########	800.5042	112.6833	614.1694	117.9417	388.0062561
########	799.875	122.4917	614.4167	124.7	392.914032
########	802.3306	116.4167	614.6417	124.1167	396.7067261
########	803.05	110.9	614.9	114.35	399.7464905
########	804.55	121.7	616.3375	112.6375	401.3155823
########	803.5667	138.2333	616.4583	113.6083	395.8772278
########	802.5333	179.8917	616.2167	122.7	390.1555786
########	800.7333	151.25	616.3834	121.975	387.9191284
########	800.1777	119.1833	615.6792	121.6667	388.1038818

########	801.1417	110.2083	614.5292	164.6667	388.2502441
########	801.3667	112.675	612.5667	123.425	392.1599426
########	801.3666	113.5333	612.5917	119.8417	393.7321777
########	800.6833	118.0917	613.3042	112.475	396.2858887
########	800.6667	139.025	613.925	116.5667	397.2883606
########	798.9139	172.2833	615.3792	111.0083	395.2764282
########	798.7625	133.8833	616.5958	115.525	395.2764282
########	798.825	124.4833	618.325	121.2708	
########	799.1959	108.4583	618.9375	111.375	
########	800.725	105.9667	617.8041	110.275	387.6027832
########	801.3666	107.3667	618.0417	136.25	391.2876587
########	801.4333	144.3	615.8167	151.4	396.3174744
########	800.2833	157.25	615.0583	128.825	398.1786499
########	798.4166	172.525	614.1334	121.6833	399.5491028
########	798.1334	135.0083	613.9167	116.6417	397.0324402
########	798.6417	118.525	614.5416	113.6083	389.8110962
########	798.525	111.475	616.0167	113.325	386.9037781
########	798.875	110.5333	616.725	114.3	384.5613403
########	799.125	112.45	616.375	114.675	386.1351929
########	799.0938	129.25	616.25	113.025	386.4391479
########	798.4	130.25	616	123.025	389.5083313
########	797.375	168.525	614.2	161.875	394.3893738
########	796.3625	140.85	612.7	142.025	396.5284729
########	796.5375	117.75	611.775	113.9	393.9761658
########	797.4	118.175	612.375	111.6	389.1997375
########	797	113.35	613.05	116.95	384.1775818
########	798	109.35	614.7375	111.525	383.9548035
########	797.8438	112.85	616.35	109.7	386.0437317
########	797.775	140	616.675	109.45	388.6919556
########	795.175	162.25	617.675	115	390.9167786
########	794.95	137.55	617.625	112.0125	394.9570007
########	795.5125	121.75	616.875	118.75	397.0611267
########	797.5	113.075	615.475	166.475	395.2617188
########	797.9933	105.33	614.15	127.7533	390.0454712
########	797.9933	118.6933	612.7533	120.9233	384.7320251
########	797.67	124.76	612.5533	111.8567	383.5611877
########	796.99	201.5533	612.7233	115.9333	384.0688477
########	796.0144	148.3733	613.63	110.43	386.0569763
########	796.0067	115.6733	614.9533	108.5367	390.1207581
########	796.5733	107.9733	616.3133	111.0867	392.206604
########	797.2467	108.1333	616.2867	111.6733	395.5877991
########	797.9534	118.58	616.58	125.5133	394.8040466
########	798.6467	107.1533	615.8867	122.72	390.2949219
########	798.5133	165.1933	615.56	175.0333	388.8956604
########	797.5466	191.3733	613.0267	135.56	384.4220276
########	796.7267	144.4867	612.44	114.6467	382.6728516
########	795.7	124.5667	613.16	114.1033	388.440155

########	796.8133	105.4267	612.62	109.4533	391.1527405
########	798.2533	109	613.96	112.6533	393.2493896
########	798.3267	109.1733	615.6467	110.9733	397.2139282
########	798.9533	132.1867	617.04	110.5733	393.1330872
########	798.6266	133.4533	616.5933	111.88	389.4216919
########	796.78	186.7267	616.74	115.06	384.0063782
########	796.4	140.3067	616.1266	118.8533	384.3780823
########	794.8133	116.9533	615.34	167.5	384.3780823
########	796.1266	123.7533	613.2133	142.0833	
########	797.1533	110.3467	612.12	118.2733	
########	797.1733	111.3733	612.7667	116.3933	394.8172607
########	797.9178	127.0067	612.7867	112.9133	395.7991333
########	797.2467	168.0533	613.4333	113.2	392.8423462
########	795.0267	168.26	615.4133	118.72	385.4677429
########	794.6184	133.0314	616.6114	114.8829	385.8049622
########	794.5699	116.28	616.62	117.02	386.1933289
########	796.69	112.52	616.75	114.72	387.483551
########	795.78	108.85	616.485	116.99	389.8579102
########	795.74	125.56	614.66	164.76	393.7992554
########	796.53	146.51	612.76	133.51	394.9769592
########	795.51	178.62	611.81	140.61	397.4025574
########	792.86	148.89	613.12	113.79	392.5518494
########	793.86	114.68	613.12	111.89	385.7060242
########	795.29	109.91	614.4	114.235	384.8384399
########	794.335	105.42	615.63	111.19	384.1745605
########	794.64	106.36	615.74	112.715	385.190033
########	796.53	121.31	615.675	111.49	390.127533
########	795.02	165.73	615.74	122.26	385.6339111
########	792.9067	174.0867	615.2534	141.3667	387.0812988
########	793.035	138.6387	613.9124	170.0419	387.4691162
########	792.1769	113.0629	612.86	125.13	379.3157349
########	793.141	106.1689	612.39	112.82	374.6459656
########	793.1193	112.9484	612.555	116.9419	373.0572205
########	793.28	112.3667	613.1467	110.28	372.3344421
########	792.1407	154.431	614.2448	114.8172	374.5037231
########	791.4064	181.271	615.842	112.1467	379.3694458
########	789.9871	147.6161	617.342	112.5533	380.3998413
########	789.8035	130.4138	617.3931	122.5828	382.5658264
########	790.3067	110.28	617.04	115.8133	382.866272
########	791.4955	110.5733	616.2866	124.14	374.5976868
########	792.8517	108.2067	614.4333	150.8	371.7348633
########	792.32	113.2867	612.84	126.78	419.7071228
########	791.8066	164	612.56	121.1667	
########	790.7067	195.6467	612.98	117.3933	424.0125122
########	789.28	138.8467	613.44	117.98	426.9682922
########	788.9133	114.68	614.4467	109.2867	418.1127625
########	789.7933	113.32	616.14	115.12	419.7800598

########	790.4933	127.0667	617.9933	116.1067	94.12380219
########	791.1866	222.56	618.26	114.68	401.447113
########	787.1934	261.98	617.5267	110.4933	0
########	789.2689	279.8067	613.7734	167.04	0
########	784.3543	288.0514	611.7971	195.2171	0
########	776.81	297.8466	610.7133	215.67	0
########	794.36	323.5733	609.6733	241.54	0
########	784.5967	334.29	610.335	256.9767	0
########	780.25	351.8967	609.31	272.2433	
########	775.8566	368.9933	608.2867	286.12	
########	776.6067	376.9533	607.2733	298.3733	
########	775.625	407.65	606.91	312.3967	0
########	767.4266	427.6733	606.1767	326.9733	0
########	771.3517	438.0167	605.9567	338.6733	0
########	761.8933	462.1667	605.5867	351.57	0
########	760.93	487.39	605.63	362.17	0
########	767.8066	486.7067	605.44	371.8967	0
########	761.6367	518.1367	605.2133	380.15	0
########	741.1117	526.3433	604.96	388.8967	0
########	765.6822	528.64	605.6967	395.95	0
########	770.14	540.02	605.7892	402.7733	0
########	765.6233	551.7767	606.1133	409.6767	0
########	768.4033	557.6067	605.7767	414.3267	0
########	768.7633	565.2533	605.0134	419.75	0
########	775.08	568.02	605.14	426.1015	0
########	759.4	568.24	605.02	427.98	0
########	772.84	578.46	605.38	430.58	0
########	761.36	576.89	605.8	426.02	0
########	766.7	577.26	606.12	427.28	0
########	760.2	581.98	605.06	429.22	0
########	756.98	583.68	606.04	426.76	0
########	768.62	582.14	605.7	427.18	
########	765.34	585.06	605.68	426.32	0
########	767.66	586.28	605.52	424.18	0
########	763.04	589.76	605.76	424.48	0
########	766.96	591.68	606.44	422.72	0
########	770.5	593.56	607.14	422.78	0
########	750.74	593	606.82	423.34	0
########	771.7	584.16	607.01	420.16	0
########	767.4	596.36	605.92	420.28	0
########	768.78	594.02	605.92	421.32	0
########	767.74	596.26	607.04	419.42	0
########	764.34	591.7	606.95	418.22	0
########	766.54	593.9	605.66	418.38	0
########	774.26	597.36	605.9067	416.1	0
########	764.14	594.92	606.48	416.86	0
########	768.06	598.46	606.84	415.4	0

########	756.96	592.54	605.58	414.58	0
########	779.35	612.6633	606.0333	414.57	0
########	775.6967	601.4666	606.4584	412.3933	0
########	771.05	597.7466	606.6467	414.13	0
########	766	599.5634	607.3933	411.0566	0
########	767.81	596.1266	608.1333	409.75	0
########	769.0933	597.55	607.1933	408.28	0
########	768.27	598.5717	606.5034	408.4633	0
########	771.9333	610.3633	606.5533	409.05	0
########	770.13	601.1533	606.8667	407.85	
########	770.9434	591.51	606.7633	406.2367	
########	772.36	605.1367	606.8766	409.6367	0
########	771.81	595.9867	607.1367	406.7067	0
########	763.9066	601.9	606.8467	406.8467	0
########	768.34	599.58	606.88	406.3	0
########	771.88	595.18	607.88	404.74	0
########	758.32	599.84	607.1133	407.38	0
########	774.5	606.38	606.44	408.32	0
########	770.7	601.32	607.02	407.46	0
########	771.86	605.16	606.94	407.04	0
########	771.52	600.38	604.2	408.42	0
########	769.82	601.48	605.92	407.02	0
########	774.34	601.12	605.58	403.94	0
########	773.98	600.08	606.52	406.88	0
########	772.37	601.42	607.6	405.64	0
########	772.76	598.3	606.88	407.94	0
########	770.92	602.58	607.58	409.02	0
########	771.82	610.64	606.78	407.86	0
########	774.22	600.38	607.568	408.38	0
########	777.28	604.82	606.48	407.62	0
########	775.16	602.06	607.14	407.46	0
########	773.32	602.18	607	407.32	0
########	773.56	601.42	607.02	407.25	0
########	773.36	595.56	607.38	408.18	0
########	772.9	603.16	607.02	408.32	0
########	774.05	602.08	607.42	407.82	0
########	773.24	602.58	607	409.64	0
########	773.2	615.06	607.18	408.76	0
########	772.7796	601.6021	606.7674	409.002	0
########	776.9151	603.84	606.92	408.26	0
########	770.005	610.5717	606.785	411.56	0
########	773.5567	601.1384	606.665	408.6867	0
########	776.0067	601.225	607.0045	408.225	0
########	775.135	599.3992	606.5133	408.535	0
########	774.035	604.1133	606.8784	406.3283	0
########	773.6225	606.0458	607.57	407.6733	0
########	778.6567	606.34	607.965	410.6367	0

########	774.5867	603.2516	607.61	408.365	0
########	777.1717	601.6151	606.6216	409.075	0
########	774.8967	603.425	606.9217	409.9808	0
########	779.1642	604.1083	606.8608	409.2383	0
########	770.2767	609.2833	606.9083	409.635	0
########	775.5133	600.315	606.835	408.5383	0
########	775.5242	606.5834	607.0412	409.4767	0
########	776.0616	604.0366	606.0289	407.9867	0
########	775.4384	584.1583	606.3517	409.2383	0
########	738.1078	604.6617	606.7133	409.2742	0
########	777.9583	604.0483	606.1133	409.0117	0
########	775.3734	604.665	606.13	408.9133	
########	775.5539	604.1883	606.1478	409.635	
########	765.2117	603.9617	606.47	410.0133	0
########	775.5133	604.125	606.3567	408.925	0
########	774.7383	604.585	606.0217	408.7733	0
########	774.965	603.2191	605.7217	409.4783	0
########	776.5483	603.3741	606.1133	408.7192	0
########	774.7383	603.6191	606.0433	409.39	0
########	774.1866	603.9617	606.0433	409.9483	0
########	775.5134	604.2117	606.0917	409.5483	0
########	775.135	604.35	605.8917	410.0133	0
########	775.24	604.615	605.335	409.72	0
########	775.1861	604.618	605.5854	410.093	0
########	775.7617	603.6483	605.6567	409.2383	0
########	775.6755	602.635	605.2622	409.5517	0
########	775.3734	604.2083	605.3433	409.6383	0
########	776.235	602.8917	605.1866	410.3433	0
########	775.0875	604.4384	605.8175	409.6383	0
########	774.4133	604.2117	605.6483	408.6867	0
########	776.1315	603.82	605.0257	409.13	0
########	775.635	603.595	605.455	409.11	0
########	775.7838	603.08	605.075	409.3125	0
########	775.58	603.12	604.405	410.48	0
########	776.32	602.7875	605.27	409.755	0
########	775.255	603.48	604.895	410.7925	0
########	776.285	603.765	604.21	409.38	0
########	776.645	602.9534	604.625	409.7475	0
########	775.98	603.08	604.89	410.135	0
########	775.9412	603.69	604.39	410.445	0
########	775.98	602.455	604.19	410.155	0
########	776.68	602.02	604.405	411.125	0
########	776.015	603.46	604.5699	411.83	0
########	776.715	602.035	604.56	410.535	0
########	776.2925	602.12	604.105	410.46	0
########	776.2913	603.045	604.37	410.59	0
########	776.0129	603.0357	603.9968	411.1829	0

########	775.9908	602.4817	603.7767	411.3283	0
########	776.68	602.055	603.62	410.8675	0
########	776.36	603.08	603.975	410.515	0
########	776.6458	602.9225	603.975	411.165	0
########	776.735	602.415	603.9883	411.83	0
########	776.32	602.435	603.325	411.525	0
########	776.285	602.685	603.405	411.01	0
########	776.68	602.755	603.5125	411.545	0
########	776.3467	602.6359	602.8284	410.8466	0
########	777.3533	602.175	603.5416	411.1183	0
########	776.3467	603.4533	603.43	410.6717	0
########	776.8284	601.6583	602.97	410.5117	0
########	777.0933	601.6933	603.3583	411.2467	
########	776.8116	603.0533	603.4767	412.5717	
########	776.3467	602.4817	603.5059	411.7325	0
########	777.3533	602.925	602.9467	410.8466	0
########	777.1284	603.1816	603.3234	412.4434	0
########	777.0467	601.775	603.0767	411.2817	0
########	777.3767	602.0408	602.865	410.8933	0
########	777.0467	603.4533	603.5183	411.1767	0
########	778.4767	602.435	603.0533	411.2858	0
########	777.5117	602.7092	603.0767	412.4783	0
########	777.4817	602.2717	603.4922	411.5533	0
########	778.725	602.665	603.0767	411.4233	0
########	777.835	602.8284	602.97	411.2817	0
########	778.4183	602.7233	603.43	412.1233	0
########	778.4592	601.7283	602.47	412.2592	0
########	778.1933	603.4533	603.7183	412.6534	0
########	777.835	602.6183	603.4533	412.0939	0
########	778.2283	603.4533	602.7467	410.4034	0
########	777.5767	604.1533	602.97	412.3817	0
########	778.4183	603.0183	602.97	412.6358	0
########	777.9283	603.0183	602.6175	412.6534	0
########	778.8533	602.5284	603.1233	412.8717	0
########	778.9817	603.3716	602.4584	412.475	0
########	778.7717	603.4296	603.4533	412.79	0
########	779.8417	603.0667	603.4667	412.3333	0
########	778.625	603.1166	602.9917	412.1167	0
########	778.8533	604.2466	602.435	411.7633	0
########	778.2283	604.5533	603.195	413.8083	0
########	779.9533	604.2408	603.43	413.225	0
########	779.2883	604.0867	603.3867	413.3374	0
########	778.985	604.815	603.4283	412.1867	0
########	779.544	604.298	603.072	412.1473	0
########	779.5533	603.8467	602.6417	411.9311	0
########	779.3492	604.0016	603.0433	413.6961	0
########	779.4866	604.0016	603.2416	412.7425	0

########	779.4289	604.3733	602.7983	412.3567	0
########	779.3911	604.3134	602.9017	412.9008	0
########	779.2756	604.3134	602.17	412.9283	0
########	779.6058	604.815	602.485	412.8017	0
########	779.7133	604.685	602.1984	412.5567	0
########	779.7133	604.3984	603.0811	412.4983	0
########	779.5422	604.4442	602.3433	413.2267	0
########	779.4017	603.715	603.245	413.4058	0
########	779.7133	604.8872	602.7584	413.3008	0
########	779.6716	603.9558	602.5433	413.0883	0
########	779.4017	604.3134	602.3434	413.5875	0
########	779.6566	604.1434	602.8492	414.7867	0
########	779.8089	604.39	602.7567	412.915	0
########	779.7133	604.3133	602.87	412.6117	
########	779.8867	604.0867	602.3134	413.2867	
########	779.2756	604.3733	602.6141	414.0575	0
########	779.4567	603.525	602.455	413.2567	0
########	779.3134	604.4866	602.4283	413.5733	0
########	780.3883	604.7017	602.17	414.2133	0
########	780.5867	603.6016	602.4283	413.1133	0
########	779.7133	604.5883	602.4567	413.8358	0
########	779.2567	603.585	602.0566	414.0858	0
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########	780.215	604.0867	602.3134	414.015	0
########	779.8867	604.3984	602.4866	413.5133	0
########	780.8733	604.3133	602.4567	413.5983	0
########	780.6339	603.5425	602.3167	413.7117	0
########	780.3883	604.4567	602.7017	414.0508	0
########	780.0717	604.8575	602.0867	413.5133	0
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########	780.1016	604.685	602.5717	414.3867	0
########	780.0516	604.2057	602.4866	413.6246	0
########	780.0675	604.51	602.27	414.3457	0
########	780.2283	604.685	602.3434	413.5733	0
########	781.0169	604.3543	602.0867	414.015	0
########	780.52	603.815	601.82	414.32	0
########	780.2175	604.985	602.38	413.965	0
########	780.92	605.095	602.055	414.39	0
########	781.265	604.26	601.8625	414.28	0
########	781.015	603.665	601.5175	414.54	0
########	781.595	604.105	601.93	414.115	0
########	780.2175	604.7075	602.29	414.995	0
########	780.165	604.735	602.18	414.28	0
########	780.6733	604.0134	602.1733	414.6867	0
########	781.1	604.7367	601.8133	413.9867	0
########	780.4867	604.3134	601.6733	414.02	0
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########	781.2133	604.4467	601.44	414.7133	0
########	781.0734	603.8267	601.66	414.3867	0
########	781.2534	604.3433	601.9067	413.96	0
########	782.34	605.1133	601.8933	414.9	0
########	781.0267	604.0867	601.6933	415.4133	0
########	781.24	604.5067	601.8356	414.7133	0
########	781.6866	604.2933	601.7067	415.34	0
########	781.26	604.0133	601.6266	414.7133	0
########	781.4	603.5467	601.3933	415.0133	0
########	781.6133	604.34	601.7867	414.3133	0
########	781.6133	604.5267	601.4467	415.0378	0
########	782.1733	604.74	601.7867	415.7067	0
########	781.8267	604.76	601.72	414.8734	0
########	781.4733	604.64	601.4266	415.0283	0
########	782.31	604.3466	601.5683	415.8533	
########	782.255	604.0178	601.712	415.684	
########	781.9467	604.0167	601.5367	416.0034	0
########	782.0566	604.4533	601.6833	415.6033	0
########	782.2033	604.75	601.4755	416.625	0
########	782.31	604.0933	601.7366	415.4733	0
########	782.0178	604.6984	601.4166	415.3067	0
########	783.0822	604.4733	602.1067	416.7367	0
########	782.2033	604.3467	601.5367	416.4033	0
########	781.9067	604.24	601.08	416.2567	0
########	782.6434	604.05	601.505	415.8967	0
########	782.6434	604.64	601.5367	416.2967	0
########	782.31	605.0433	600.9367	416.2367	0
########	782.4017	602.8467	601.39	416.5533	0
########	783.7433	603.4266	601.2267	416.8467	0
########	782.9033	603.3533	601.1334	416.4467	0
########	783.505	603.3967	601.08	415.8217	0
########	782.4567	604.0134	601.2833	417.29	0
########	783.0267	604.4966	601.6733	416.5717	0
########	783.49	603.76	601.49	416.6967	0
########	783.5566	606.1434	601.8533	416.5533	0
########	783.49	605.1934	601.9434	417.9467	0
########	783.1967	606.5677	601.2833	415.8017	0
########	783.04	606.08	601.68	416.62	0
########	783.22	605.44	602.16	417.38	0
########	783.76	605.94	601.5929	416.56	0
########	783.49	605.87	602.3267	416.5533	0
########	783.52	607.36	602.6	417.38	0
########	783.68	607.48	602.3	417.16	0
########	784.11	607.74	602.28	417.06	0
########	783.68	606.58	602.48	417.32	0
########	784.66	606.83	601.64	418.82	0
########	784.14	607	602.64	417.58	0

########	785.42	606.08	602.68	418.36	0
########	784.64	608.44	602.3	417.7	0
########	783.82	608.9	602.06	418.44	0
########	784.3	607.46	602.98	418.26	0
########	796.14	606.32	602.82	417.88	0
########	785.44	606.5	603.22	417.94	0
########	784.22	607.98	602.96	419.32	0
########	786.44	609.56	603.08	417.38	0
########	783.02	608.7	602.74	417.51	0
########	782.6	556.1	603.22	418.68	0
########	784.24	609.14	603.36	417.32	0
########	784.32	610.26	603.2866	417.72	0
########	784.86	606.26	602.8	419.16	0
########	784.42	598.18	602.98	419.08	0
########	784.92	609.56	602.54	419.14	
########	785.8734	609.16	602.7	419.22	
########	783.26	609.22	603.46	418.62	0
########	791.4	612.78	603.54	418.28	0
########	783.78	615.02	603.54	418.82	0
########	793.94	608.82	603.76	417.88	0
########	785.88	608.9	603.7	418.42	0
########	786.12	602.56	603.44	418.98	0
########	773.68	616.76	603.9	419.8	0
########	791.48	610.02	603.58	420.1	607.8773193
########	785.64	623.48	603.72	419.12	594.7024536
########	788.76	614.12	603.88	419.38	583.8529053
########	786.44	610.13	604.24	418.48	589.6853027
########	787.64	611.82	603.68	420.1	594.0175171
########	783.52	615.46	603.64	417.68	598.9215698
########	801.58	613.44	604.28	418.68	592.9006958
########	785.6374	603.7433	603.9028	419.4708	587.7606812
########	785.8133	617.1801	604.2133	419.6617	582.9251709
########	785.5025	612.5633	604.5034	419.3233	576.3881226
########	801.7633	612.31	603.6967	418.9133	570.1870728
########	786.5867	610.9011	604.0034	418.9233	620.1010132
########	786.03	612.54	604.5933	419.9633	611.8217163
########	786.6733	612.4733	604.6767	418.9133	607.5720825
########	786.9133	611.9233	604.4967	418.55	607.5720825
########	809.9067	607.2366	603.8022	420.0133	590.5969849
########	787.65	611.8767	604.41	419.6133	582.2663574
########	782.6367	613.9166	603.85	419.1266	579.0796509
########	785.87	612.3467	604.5591	420.3633	633.7429199
########	785.4867	613.695	603.8066	419.1067	625.5026245
########	786.1867	614.4633	604.8033	419.4833	610.2341919
########	785.1967	611.2367	604.0133	419.5767	590.3103027
########	787.2633	611.9122	604.4233	419.6367	582.9969482
########	787.12	614.29	604.895	419.6733	576.1038818

########	787.3367	612.3467	604.41	419.3233	630.3964844
########	786.8767	613.4733	604.8834	419.1067	615.4671021
########	788.7733	615.8033	604.0067	419.5267	625.5952148
########	799.6233	606.6334	605.48	412.5433	617.725708
########	785.46	611.3334	603.9767	419.7733	615.1000366
########	787.9167	613.3867	603.5167	419.3733	607.1685791
########	790.1033	615.8167	604.865	420.69	602.4268188
########	784.1334	613.3934	604.5733	418.9133	588.9145508
########	787.4533	614.7533	603.9867	424.6266	600.3505859
########	785.61	618.39	604.7067	418.95	604.2427979
########	786.26	615.8767	604.7133	418.9233	599.5076904
########	787.06	613.5815	605.4933	420.0274	595.4568481
########	786.4933	613.2	604.66	420.44	595.0750732
########	783.0234	614.97	604.3933	420.1333	941.6350098
########	794.38	614.15	604.6166	420.6333	624.194519
########	787.6733	616.9266	604.05	419.5033	624.194519
########	794.4166	613.7133	605.6867	421.74	
########	789.1533	615.0333	604.4554	420.3846	
########	787.7367	614.8267	605.27	423.3367	622.9651489
########	786.9267	616.6733	604.9067	420.0367	614.194519
########	782.12	614.9467	604.7534	420.66	609.9647217
########	792.9266	611.9733	605.1334	421.0733	622.1367798
########	787.4467	613.5867	605.62	420.6067	625.3959961
########	788.22	614.7067	605.68	423.8667	628.751709
########	788.6934	616.4033	604.0267	417.54	622.2435303
########	788.1067	615.1467	604.7134	420.7534	548.630188
########	793.46	613.7333	604.8934	423.3533	613.9372559
########	795.68	614.5933	605.2067	420.7534	627.1611938
########	782.1266	612.7466	605.18	420.66	967.2217407
########	787.96	616.8533	604.66	420.0533	861.5264893
########	788.6533	619.2933	604.9266	420.3466	916.1973877
########	798.3	627.98	604.3467	419.8933	891.2443848
########	795.22	619.7134	604.2667	423.96	859.9835815
########	788.84	621.8734	604.8067	421.58	923.8796387
########	788.84	602.9	605.1266	421.4467	968.9799194
########	788.3467	615.88	605.0466	421.0467	929.7225952
########	791.8063	617.7534	604.7867	421.2467	887.7081909
########	788.048	613.812	605.468	421.42	947.9569702
########	796.4266	615.86	604.7178	421.2733	901.6853638
########	774.96	618.7933	604.9867	420.8067	868.3950806
########	788.9133	618.28	604.8911	421.5133	923.5176392
########	793.95	616.79	604.83	421.815	881.6343994
########	791.97	614.26	604.61	421.71	835.7644043
########	787.35	615.305	604.445	421.64	871.649353
########	788.68	619.68	605.2067	421.75	909.7042847
########	790.76	616.95	603.86	420.44	888.7315674
########	790.34	612.49	604.73	421.745	915.1781616

########	788.89	614.85	605.44	420.26	983.6831055
########	788.7484	616.245	605.1534	421.6025	891.2252197
########	791.3533	613.44	606.0417	421.5783	904.4954224
########	773.7667	616.1633	604.5583	422.3467	869.7084351
########	788.1783	620.685	604.8267	422.0733	892.3029175
########	788.6217	616.7366	605.0167	421.2267	886.8765869
########	787.5178	619.4733	606.5122	421.3733	837.317627
########	786.9483	618.4483	606.0483	421.4089	897.270874
########	790.7266	614.4483	601.6083	423.83	920.9954834
########	788.2534	616.8533	604.89	421.9742	928.4368896
########	789.7017	619.5667	603.6583	422.275	1006.216309
########	790.685	614.5783	603.315	424.0758	837.2918701
########	791.8329	615.1314	603.6829	422.3562	969.4606934
########	790.6234	615.3809	603.5758	422.0067	905.9653931
########	793.1267	616.675	604.6517	422.3683	996.8469238
########	789.1483	612.3967	604.1367	423.0783	880.7597046
########	763.9683	620.6633	604.9317	416.5675	880.7597046
########	790.925	616.4808	604.31	421.6917	
########	790.4316	603.71	604.11	423.1683	
########	789.6934	615.67	604.1033	422.8225	911.053772
########	790.3334	617.545	604.9484	421.875	836.864563
########	788.5933	618.0867	605.3967	421.645	914.3154297
########	788.4044	617.1808	604.7967	421.9933	968.5587158
########	788.5978	616.8066	604.7967	422.0067	895.9024048
########	788.2842	616.4808	604.11	423.5842	953.9154663
########	789.6683	614.6808	603.8383	423.6383	894.123291
########	789.3683	614.9933	603.5161	422.9617	938.3185425
########	789.4867	613.9317	602.99	422.755	859.3848877
########	789.1617	614.6317	603.1967	423.1067	964.6411133
########	789.5233	614.1967	603.3416	423.1967	883.4244385
########	790.275	614.3066	602.9966	422.5617	884.8841553
########	789.6033	614.645	603.5725	422.7808	900.7410278
########	789.3066	614.0867	603.7584	423.5967	894.6094971
########	788.8775	615.0517	603.445	424.0383	913.1654053
########	789.6934	614.655	603.4317	423.3233	856.1668091
########	788.9308	614.5775	603.0933	423.2867	921.5625
########	789.38	614.81	603.2383	423.0452	979.484375
########	789.03	614.22	603.24	423.18	949.8522339
########	789.515	613.83	603.0125	423.9025	923.6300659
########	789.0737	613.9625	602.765	422.7225	831.812561
########	789.7075	613.505	602.96	422.915	896.7174683
########	789.29	613.9775	602.96	424.26	861.8170166
########	789.76	613.9075	602.7575	423.04	900.4314575
########	788.8975	614.24	602.6325	423.6038	907.3609619
########	789.515	613.14	602.565	423.805	907.4433594
########	788.925	613.715	602.785	423.16	966.3114624
########	789.255	613.6025	602.6675	423.16	909.2654419

########	789.1575	613.505	602.335	423.16	909.0893555
########	789.375	612.685	602.655	423.43	891.0232544
########	789.57	613.575	602.39	423.685	899.4058838
########	789.64	613.925	602.47	423.9025	899.4425049
########	788.905	613.245	602.07	423.56	895.2287598
########	790.6425	612.8075	602.14	424.26	913.1727905
########	790.1125	613.12	601.74	422.99	919.3399048
########	789.6925	612.5475	601.6467	424.015	899.3806763
########	788.995	612.16	602.01	424.26	886.4009399
########	790.0717	612.04	601.87	424.66	880.6185913
########	789.7275	617.7875	602.13	424.73	901.7460327
########	789.87	613.2224	601.86	423.79	888.3462524
########	789.7534	613.7733	601.5817	423.9725	891.392334
########	789.7761	613.3267	601.3367	424.2183	929.3186035
########	789.9642	612.6733	601.7017	424.855	929.0943604
########	789.7017	612.4283	601.9183	423.755	865.8637695
########	790.3141	612.7466	601.9633	423.4984	843.3503418
########	789.5367	612.545	601.6225	424.1467	843.3503418
########	790.0775	612.9359	601.5183	424.4366	
########	790.1817	613.2017	602.035	424.3755	
########	790.5267	612.9266	601.8367	423.945	912.3659058
########	789.8817	612.4717	601.355	424.6422	913.7093506
########	789.13	612.2267	601.5458	424.6533	886.1536255
########	789.7534	612.8367	601.6367	424.1467	891.9487305
########	789.7367	612.545	601.5817	424.7267	886.8230591
########	789.6284	611.9733	601.745	424.4733	908.5697021
########	789.6906	612.8716	601.265	423.8429	835.460083
########	789.8267	612.5016	601.4283	424.6533	896.3619385
########	790.2367	611.6467	601.745	425.4267	914.2971802
########	788.8033	612.7983	601.3091	424.4366	939.0504761
########	790.3983	612.2267	601.2267	424.0733	872.9346924
########	789.2466	612.4717	601.2592	423.575	884.852417
########	790.725	612.0283	601.2283	424.6533	896.8634033
########	789.13	613.008	601.796	424.792	893.241272
########	789.2589	613.7045	601.8678	423.7234	899.9396973
########	789.4933	613.0067	601.7916	423.7058	932.7282104
########	789.8867	613.0067	600.5167	424.7867	927.2952271
########	790.1884	612.9933	600.5133	424.5966	960.1271973
########	789.9117	610.8066	600.9984	423.705	921.1744995
########	790.1884	611.1273	600.6984	424.5592	901.5757446
########	790.9817	611.3408	601.09	425.8867	906.7412109
########	790.7743	611.19	600.6975	425.4912	874.8776245
########	790.2072	610.3217	600.1266	425.2783	912.8444824
########	790.7266	611.0566	600.6525	425.005	902.333252
########	791.205	610.175	600.5292	424.6733	906.2259521
########	790.3267	611.295	600.7292	426.0125	914.5386353
########	790.1217	611.7733	600.5928	424.5267	903.7207642

########	790.4534	611.5634	600.6806	425.4367	903.0054321
########	790.6489	611.0217	601.0883	424.5267	918.7998657
########	790.3367	611.1578	600.405	424.5108	914.6053467
########	790.3783	611.0217	600.7317	424.6733	935.5839233
########	790.7266	611.1517	600.5417	425.2267	931.0155029
########	789.8483	611.6783	600.6367	424.875	889.8920898
########	790.3267	612.1216	601.2545	425.6267	844.1809692
########	790.105	611.2739	600.7684	425.4367	917.0662842
########	789.7067	612.2383	600.0517	425.6933	912.9318848
########	790.5553	611.3276	600.276	425.748	914.9807129
########	790.4317	610.255	599.8967	425.8536	855.8259277
########	790.3033	610.7767	600.3383	425.2933	892.2644043
########	790.9383	611.9133	600.2725	424.9683	875.7312012
########	790.7186	611.6934	600.6417	425.4867	909.2199707
########	790.4427	611.1383	599.8644	425.4767	909.5682373
########	790.1658	611.7192	600.4495	426.055	900.2609253
########	790.7933	610.8134	600.5344	425.0275	920.5999756
########	790.9311	611.0067	600.1033	425.6033	907.7932739
########	790.9355	610.2683	600.0483	425.6688	907.7932739
########	790.8066	610.8233	600.545	425.2378	
########	790.3033	612.0683	600.11	425.6933	
########	790.055	611.7067	600.8033	426.6233	894.0932007
########	790.8066	611.6934	600.2584	426.045	899.7208862
########	790.6967	611.4275	599.9933	425.6692	917.3875122
########	790.6133	611.6934	599.8066	426.9617	921.2081299
########	790.7033	611.1383	600.09	426.7317	986.9572754
########	791.1758	610.5933	600.0967	426.2645	890.3930054
########	790.9311	610.245	600.4172	426.7317	904.5830688
########	790.9483	611.5617	600.555	426.0808	868.1696167
########	790.9033	611.355	600.2484	426.275	907.2363892
########	790.9355	611.355	600.4517	426.2617	836.9869995
########	790.8483	611.525	600.1033	427.2225	868.8342285
########	790.4683	611.7308	600.1383	426.6045	877.9557495
########	790.9483	612.2617	600.4517	426.4683	869.9852905
########	790.8022	611.3692	600.2967	427.5228	919.0527954
########	790.8544	611.0659	600.3033	427.3617	893.538208
########	791.5683	611.3809	600.0967	427.47	900.1882324
########	791.155	611.9375	600.1033	426.5767	903.9547729
########	790.6133	611.6033	600.3292	426.8967	918.5690918
########	790.3289	611.9133	600.4742	427.5067	884.8686523
########	791.0725	611.355	600.3209	427.5067	898.2141724
########	790.9383	611.6934	600.11	426.9383	898.2558594
########	791.1758	611.7067	600.6584	426.7683	908.3737793
########	790.9617	611.5617	600.3483	426.7128	873.9074097
########	790.99	611.59	600.2327	427.39	912.0010376
########	790.845	611.76	600.0875	426.86	920.111084
########	790.86	611.885	600.06	427.82	913.7231445

########	791.1775	611.76	600.115	428.015	889.4205322
########	790.74	611.885	599.87	427.385	887.0142212
########	791.2	610.8666	600.2833	426.7826	885.2598877
########	790.4667	611.4	600.2	428.1667	907.2805176
########	791.5667	612.0333	600.0889	427.8333	913.022644
########	791.2	612.1334	599.7333	427.3333	891.7963867
########	791.4333	611.7667	599.4667	427.9667	877.2507324
########	791.1	610.6667	600.2667	427.3333	971.7628174
########	791.4667	610.5333	600.1334	428.3	887.8569336
########	792.4333	611.0333	599.6666	427.9167	894.2315674
########	791.8333	611.0333	600	427.6333	911.7601929
########	791.5667	611.0667	600.1334	427.4667	910.7243652
########	791.5667	612.0333	599.9333	427.8333	867.1841431
########	792.2	611.6667	599.7	427.9667	919.3324585
########	790.8333	611.9667	599.5	427.3667	883.9290771
########	791.5667	610.9333	600.5333	427.5667	924.2579346
########	791.2	611.1	600.3334	427.9778	930.7036133
########	791.2222	611.3	600.3334	427.6667	890.8460693
########	791.1833	611.4333	600.1167	427.4333	849.9277344
########	791.3666	611.3667	599.9333	427.1833	849.9277344
########	791.1	612.2333	599.6666	427.5667	
########	791.5667	611.8	599.4534	426.8333	
########	791.7333	611.9333	600.1334	428.2	890.6640015
########	791.9667	612.0333	599.8666	428.5667	968.0881958
########	791.9166	612.0333	600.1334	428.7667	918.703125
########	791.4556	611.6334	600.3112	427.4333	879.1413574
########	791.1	612.6334	599.9667	427.9667	884.6046753
########	791.5834	611.7667	599.3333	428.3	900.7515869
########	791.9667	612.1667	600.0333	427.4778	910.6327515
########	791.4833	612.7	600.2167	428.5	917.0911255
########	792.6833	609.8834	599.6334	428.3333	954.8544312
########	791.1833	611.3834	599.7	428.15	881.8373413
########	791.6166	611.5333	599.7778	428.2834	893.2872314
########	792.0333	610.4667	599.9	428.15	944.3187256
########	792.5083	611.6833	599.3834	428.75	910.6395264
########	792.2167	610.3333	599.05	428.4667	910.9840088
########	792.2833	611.7167	599.0667	429.05	896.5102539
########	793.2167	609.9667	599	428.6833	912.9346313
########	793.2584	610.6833	598.9667	428.3917	917.6403809
########	793.4917	610.8834	598.8167	430.0833	863.0092773
########	793.325	609.1833	598.7667	429.4417	944.623291
########	792.9166	610.6334	598.9667	430.0833	911.7999268
########	793.85	611.6333	599.2833	429.2667	928.6073608
########	793.0917	612.6666	600.2125	430.15	892.9993896
########	793.4375	612.1666	599.4667	429.6167	967.1826782
########	793.7833	612.1722	600.1833	429.8333	918.0753784
########	794.4833	611.6333	600.2333	430.1083	911.6716309

########	792.7333	614.2833	600.8334	430.35	889.2488403
########	792.35	615.1333	600.6	428.55	867.4666748
########	792.7333	615.5333	601.1833	429.0333	915.0217285
########	792.4667	613.95	600.5834	430.9333	883.3796387
########	792.9166	614.0333	600.0333	429.9083	919.0786133
########	793.8334	612.5333	600.3667	430.4167	928.9940796
########	792.9667	614.2833	600.8167	430.15	908.3509521
########	791.7917	615.7667	601.75	429.7667	999.6739502
########	792.8666	614.8	600.3167	429.5667	913.1173096
########	793.9	614.1833	600.4167	429.35	892.8244019
########	794.1666	613.6334	600.8667	431.5833	926.9637451
########	791.95	616.6333	601.5833	430.8167	924.8721924
########	799.5167	617.25	600.55	430.7833	879.7819824
########	794.9333	612.6923	600.375	430.8539	926.4024658
########	795.5167	614.5917	600.4833	431.6333	997.6488037
########	795.45	616.3333	601.2	430.8167	902.1365967
########	786.2333	614.9333	600.8334	430.8333	891.5129395
########	794.7833	618.9833	601.5833	430.8167	966.241394
########	794.6	625.8	601.5428	430.8154	896.6164551
########	794.1	616.3	602.2	431	919.1116943
########	794.6	615.6	601.8	430.4	
########	793.9	612.6	601.8	431.3	
########	794.3	615.6	602.4	431	914.7716064
########	811.8	616.6	601.5	430.6	1189.174316
########	795.4	610.4	601.5	431	1189.986084
########	795.4	611.5	602.6	430.6	1185.221558
########	794.3	618.1	601.8	430.6	1213.82251
########	793.5	618.1	601.6	430.6	1193.710815
########	805.6	611.9	601.8	431.4	1170.475342
########	779.2	617.7	602.4	431.7	1185.327759
########	796.1	617	601.8666	430.2	1184.925659
########	802.7	611.5	601.8	431	
########	794.6	618.8	601.8	431.7	1197.993896
########	795.4	617	601.8	431	1206.366455
########	794.6	617	602.4	432.8	1213.089233
########	794.6	618.1	601.8	431	1264.593872
########	796.8	610.1	602.4	431.3	1141.372925
########	795	620.3	602.7	431.7	1202.139404
########	795.4	617.2333	602.7	434.6	1214.970215
########	796.5	619.2	602.7	431.7	1260.352295
########	776.7	621	602	433.2	1186.995361
########	793.6158	616.6	602.3162	433.5	1190.833008
########	783.9333	620.2167	602.0333	432.7333	1304.651489
########	773.0667	620.6083	602.45	436.5	1162.156494
########	794.4166	615.8667	602.3167	430.7833	1206.491211
########	794.1667	620.1167	603.55	432.0667	1219.166504
########	794.4166	618.9333	603.0444	431.55	1181.797363

########	795.3334	616.575	602.9333	429.2833	1182.372925
########	797.35	618.75	602.4667	432.7333	1164.263672
########	794.7333	620.45	603.6	432.2167	1183.6427
########	795.3334	620.7667	602.55	431.025	1258.403198
########	795.5834	618.75	602.45	432.1333	1202.675049
########	796.0833	622.75	602.15	431.8167	1158.188354
########	793.6833	620.0834	603.7167	433.2667	0
########	798.15	613.7	602.95	425.7167	1261.547729
########	792.3167	614.3667	602.9833	422.1	1205.750488
########	800.35	629.0667	602.85	432.95	1213.862183
########	799.1166	617.8834	602.6166	432.6833	1153.182983
########	789.375	620.175	602.9333	430.9	1204.03479
########	795	620.8834	603.0167	432.0333	1294.752197
########	795.6083	600.4333	603.4667	433.45	1208.603271
########	794.8167	619.05	601.8333	432.1583	1202.655762
########	794.5333	616.2667	602.5333	430.8667	1184.336792
########	795.6	619.3333	603.5	433.6667	1216.644287
########	795.6	620.0667	602.9889	434.4	1182.963867
########	798.1667	614.8	602.9667	434.9	1190.769531
########	790.6	620.0333	602.9667	432.9333	1175.905396
########	795.2333	621.7333	603.5333	431.9667	1207.388306
########	795.8667	621.3	602.8	429.4	1207.388306
########	792.3	625.9	602.9333	430.9333	
########	790.9333	623	602.7	433.8667	
########	794.2667	619.5667	602.7	432.6667	1201.781494
########	796.9667	606.0333	602.9667	433.1	1198.86731
########	796	620.1667	603.5333	425.8667	1149.702637
########	797.1667	618.9667	603.2	428.7667	1183.5979
########	795.5	620.2667	602.5333	434	1167.864624
########	794.4	617.2333	602.9	433.5667	1188.966431
########	792.2	620.5667	603.3666	432.3333	1224.883545
########	797.6	625.8	602.8333	434.6333	1213.587769
########	795.3666	627.5	603.0667	432.9333	1260.761963
########	795.5	605.9333	603.8666	432.6667	1211.645386
########	795.9	609.15	603.45	433.1	1186.858887
########	796.25	621.4	603	433.35	1221.335938
########	795.5	620.8	604.0667	432.5333	1189.38916
########	798.5143	639.3143	603.9789	431.3714	1208.110229
########	793.55	615.15	603.45	433	1188.066528
########	803.05	605.85	601.7	435.8333	1202.585083
########	798.85	620.5	602.1	435.55	1195.36731
########	796.65	620.875	604.2	433.35	1157.296021
########	795.75	624.9	603.85	432.45	1241.537598
########	795.75	613.5	604.15	433.35	1287.508179
########	796.25	622.5	603.7	433	1184.056274
########	797.9	621.95	602.75	433.7	1188.526367
########	796.3	621.3	602.85	435	1198.678833

########	796.85	621.4	602.25	435.75	0
########	794.8	613.825	602.45	433.75	0
########	800.1	626.7	602	437.075	0
########	799.05	642.8	602.2	435	0
########	801.2	632.2	602.65	434.45	0
########	814.8666	629.0267	602.6517	434.6617	0
########	789.7567	622.825	602.9067	433.8633	0
########	798.5517	621.63	602.7617	432.97	0
########	798.42	623.8022	603.9933	433.5383	0
########	795.555	623.9033	605.0034	432.7633	0
########	795.3383	623.5634	603.8517	432.7767	0
########	795.2217	621.9258	603.6317	433.7733	0
########	795.8433	620.8892	602.9417	433.7633	0
########	795.9534	620.5178	603.0208	434.1217	474.3259583
########	796.1517	619.1483	602.5075	434.1733	1144.910767
########	796.8517	620.1891	602.3367	434.395	1180.019043
########	796.175	620.0783	602.4633	435.2567	1177.58606
########	797.5811	619.0733	601.8633	434.8733	1189.566528
########	797.4733	618.5475	602.115	435.3517	1209.266235
########	796.6975	618.7217	601.3792	435.1467	1197.059814
########	796.4366	620.0783	601.8417	434.505	1200.723877
########	796.5783	620.2366	602.2634	435.3517	1186.424072
########	795.9258	620.2317	601.7366	434.0467	1186.424072
########	795.7911	619.3466	601.7208	434.8533	
########	795.7484	619.4217	601.7366	434.9367	
########	795.7484	618.9783	601.3633	434.3629	1198.259888
########	796.9266	618.2266	601.3734	435.1267	1219.90271
########	795.9375	618.7217	601.5683	434.7433	1205.763062
########	796.9755	618.5783	601.0267	436.025	1152.150146
########	795.625	620.7233	601.5683	434.925	1226.260498
########	784.7516	638.2516	609.8483	426.3183	1282.272461
########	787.8345	630.0688	607.1733	428.1367	1236.279785
########	794.435	617.8583	601.555	433.7717	1212.724976
########	795.4984	615.075	599.6733	435.9992	1172.022339
########	795.2017	612.3339	598.9367	435.8033	0
########	796.0267	613.125	598.41	434.5508	0
########	795.8433	612.525	598.1417	434.7783	0
########	796.2466	611.7733	597.5267	434.4161	0
########	795.8267	612.2484	597.59	435.8033	0
########	796.2755	612.2366	598.01	434.0467	0
########	796.5608	612.525	597.3783	434.505	0
########	796.3734	611.8483	597.2583	435.1625	0
########	796.3304	613.2567	598.0317	435.605	0
########	796.4517	613.475	598.6783	434.0267	0
########	796.7316	612.7266	598.295	435.605	0
########	797.9517	612.1259	598.0634	433.6267	0
########	797.0892	612.0109	598.0217	433.7733	0

########	796.3734	612.5217	598.7734	435.495	0
########	797.5517	612.0267	598.5734	434.8733	0
########	797.4653	613.2734	599.0267	434.9367	0
########	797.0733	614.2266	599.195	434.6507	0
########	796.3734	613.8267	598.9733	434.925	0
########	795.6967	613.8783	599.3342	435.2733	0
########	797.4733	612.6483	598.8367	433.6267	0
########	796.61	614.5886	598.4266	433.9517	0
########	796.38	614.755	598.84	434.3245	0
########	796.6875	614.705	598.2525	434.1217	0
########	796.8242	614.5783	598.2158	434.7742	0
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########	796.3217	614.6975	598.2317	435.1467	0
########	796.9047	614.4175	598.225	434.3225	0
########	796.545	613.82	598.03	434.465	0
########	796.205	614.7325	597.77	435.3033	0
########	796.445	614.16	599.175	437.435	0
########	795.505	615.095	599.63	437.48	0
########	796.635	615.235	599.01	435.8317	0
########	796.47	614.38	598.625	436.605	0
########	796.44	615.095	598.795	436.5025	0
########	797.375	615.37	598.33	435.93	0
########	795.925	614.545	598.815	435.165	0
########	796.755	613.8125	598.56	436.335	0
########	796.635	614.3375	598.73	436.515	
########	796.04	613.565	598.53	435.505	
########	796.265	614.83	598.36	435.655	0
########	797.14	614.755	598.6234	435.27	0
########	796.16	614.3375	598.645	436.16	0
########	797.095	614.205	598.56	435.865	0
########	797.2675	613.73	598.305	437.14	0
########	795.865	615.4875	598.93	436.1525	0
########	797.305	614.37	598.98	436.205	0
########	796.545	615.1475	598.335	437.035	0
########	796.695	613.865	599.295	435.925	0
########	796.3784	615.48	598.76	435.82	0
########	797.095	614.545	598.36	436.16	0
########	794.72	615.14	598.36	435.9467	0
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########	797.305	615.095	598.7263	436.92	0
########	796.325	614.755	598.455	436.605	0
########	796.335	615.7725	598.47	436.7775	0
########	797.54	615.052	598.53	437.6025	0
########	796.86	614.265	599.07	436.16	0
########	796.665	615.095	598.67	437.435	0
########	797.315	616.39	598.93	437.14	0
########	797.735	614.545	598.39	437.425	0

########	797.48	615.735	599.235	436.77	
########	797.2525	615.095	598.53	438.135	590.5379639
########	796.9877	614.8114	598.6723	437.8614	1017.852966
########	797.1884	613.4183	598.8967	437.2067	1085.09436
########	798.275	614.6525	599.09	436.8133	1107.319824
########	797.1884	614.5039	598.3066	437.8942	1134.566284
########	796.6525	615.5817	598.7067	437.7408	1140.065796
########	797.1817	614.6475	598.2042	438.9633	1165.57312
########	796.9628	615.1933	598.5067	436.8066	1220.644287
########	797.5817	614.505	598.0034	438.6909	1200.963623
########	798.27	615.1942	598.6933	437.7342	1219.283081
########	796.8133	615.87	598.2025	437.6117	1210.185059
########	796.5025	614.0941	598.4017	437.2117	1201.536499
########	797.2034	615.1817	598.205	437.8817	1204.077515
########	796.8183	613.9033	598.0084	437.6025	1197.851685
########	797.895	615.1884	597.8066	438.6867	1174.249268
########	796.53	614.795	598.295	438.2883	1192.458496
########	797.5558	613.7133	598.6884	438.97	1187.834106
########	797.5933	614.0883	598.2991	437.225	1199.14502
########	796.795	615.5817	598.3066	438.9817	1202.13562
########	796.8133	614.2592	598.3033	437.895	1163.785767
########	796.5025	614.505	598.6884	437.6117	1192.294189
########	797.0408	614.795	598.0042	438.6978	1243.056274
########	796.6475	613.7067	598.51	437.2061	1203.656128
########	796.8066	614.9017	598.6933	438.97	1203.656128
########	798.2817	614.8066	598.2009	438.2883	
########	797.8817	615.1884	598.6934	438.995	
########	797.9668	614.9089	598.3328	439.1242	1184.469238
########	797.3967	614.5183	598.4995	438.6934	1199.001221
########	797.1933	614.77	598.5983	438.9883	1159.797363
########	796.8183	615.5817	598.2883	438.3116	1189.575928
########	797.5867	615.5867	598.2084	438.9817	1190.690796
########	797.4033	614.4442	598.3066	438.8525	1175.397461
########	798.2908	615.1984	598.4975	438.8475	1201.964478
########	797.4033	614.7817	598.6917	438.3183	1190.936157
########	797.2067	614.8133	598.2991	438.7117	1168.850342
########	796.1183	614.505	598.2339	438.6558	1246.705566
########	797.8942	615.1884	598.2009	437.6183	1195.426636
########	796.795	615.8238	598.2983	438.9883	1221.020508
########	796.8133	615.0711	598.295	438.9294	1228.071045
########	797.2067	614.125	598.0656	438.9942	1172.97583
########	797.605	615.1817	597.9933	438.7117	1189.818726
########	796.8044	615.1884	597.9933	439.0067	1177.846069
########	797.5817	615.1884	598.0084	439.7867	1276.775024
########	797.5867	614.4966	598.0034	439.3883	1208.425293
########	797.2117	613.725	598.2991	438.995	1216.025024
########	797.9067	615.575	598.2983	439.0067	1241.80835

########	797.3311	615.1933	598.1967	438.3183	1154.671997
########	797.7592	613.9592	598.0034	439.3933	1178.609863
########	797.2183	614.7084	597.6033	439.0067	1254.101318
########	797.7722	614.7883	598.1934	439.0067	1197.269165
########	797.2067	615.5683	598.3033	439.0067	1206.091675
########	797.7525	615.575	598.4972	438.3058	1214.320557
########	797.3356	615.3296	598.295	439.2017	1247.37207
########	797.7475	613.7067	598.1967	438.3183	1177.60083
########	798.25	615.5633	597.8167	439.0033	1175.037842
########	797.61	614.8133	597.83	438.3233	1184.548828
########	797.3422	614.15	598.19	439.3933	1203.401123
########	796.88	615.34	598.0184	439.08	1217.49231
########	798.0933	615.8533	597.8066	439.7733	1199.764526
########	797.6233	615.8878	598.18	439.0122	1193.288574
########	797.84	614.98	597.52	438.98	1220.051392
########	798.16	613.86	598.12	439.08	1186.806641
########	797.27	615.38	598.08	438.97	1249.935059
########	797.62	615.52	597.74	439.36	1159.959106
########	798.14	615.12	597.68	439.62	1221.143921
########	797.62	615.3	598.04	439.76	1210.868164
########	797.78	614.72	597.92	439.58	1250.380737
########	797.76	615.44	598.04	439.84	1189.885376
########	797.68	614.3933	597.04	439.64	1262.711304
########	797.74	614.24	597.44	439.48	1178.622803
########	796.46	615.87	597.9	441.24	1182.112549
########	797.88	614.42	597.88	439.48	1182.112549
########	796.88	614.1467	597.76	440.75	
########	798.22	614.56	597.88	439.94	
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########	798.14	613.78	597.98	440.02	1204.713623
########	797.84	614.9	597.88	439.94	1259.860718
########	798.06	613.7534	597.86	440.26	1154.651001
########	798.54	615.86	597.44	440.28	1211.445801
########	797.76	615.28	597.28	441.02	1278.39502
########	798.16	614.6	597.12	439.8466	1177.505615
########	797.84	614.58	597.32	440.86	1222.232666
########	797.765	614.52	597.24	440.28	1199.098877
########	798.14	614.24	597.68	440.93	1138.648315
########	797.34	615.46	597.76	440.82	1195.215576
########	798.5967	613.59	597.3367	440.6267	1192.549927
########	798.5533	613.51	597.2167	440.7322	1193.214111
########	799.1467	614.3217	597.6733	440.9856	1177.300781
########	798.9967	614.3967	597.2734	440.7567	1183.864746
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########	799.0845	614.9467	598.0608	441.01	1192.935913

########	798.9567	615.0933	597.7466	441.1967	1277.386597
########	798.9567	615.3867	598.0734	441.9483	1213.790405
########	799.3267	616.0867	598.1266	441.01	1161.949219
########	799.2534	616.6633	598.2122	442.0034	1185.028931
########	798.905	616.3433	598.2633	441.3467	1223.39563
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########	799.2933	616.7433	598.8066	441.64	1206.319458
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########	798.9567	617.9533	599.29	442.1011	1198.666992
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########	799.1033	617.9933	598.9733	441.8567	1231.608154
########	799.2534	617.4434	598.6467	442.2567	1193.805664
########	800.025	617.1866	599.4583	441.7467	1172.761353
########	800.0566	616.7466	599.5033	442.9992	1211.765869
########	799.6533	617.495	599.49	442.1717	1214.103149
########	799.36	617.7367	599.1733	442.19	1189.305176
########	799.91	617.8033	599.03	441.7067	1199.494019
########	799.2178	618.5433	599.5467	442.4433	1189.176636
########	800.2266	617.8433	599.47	442.5733	1163.120605
########	800.6067	618.5983	599.8633	443.3967	1196.663696
########	799.55	617.4366	599.6683	442.9533	1148.862793
########	799.3967	619.4966	600.1467	442.8867	1252.557007
########	798.9567	620.0033	600.3267	443.5433	1152.285522
########	799.91	618.9434	599.5267	442.0034	1152.285522
########	799.7267	619.4966	600.1467	443.5034	
########	799.2133	620.15	600.06	442.8989	
########	799.2534	620.8716	600.4633	442.8467	1211.297974
########	799.5867	621.0717	600.39	442.9567	1211.297974
########	800.3457	615.3943	600.18	442.6511	1203.128906
########	793.78	622.9733	600.0778	443.24	1207.997559
########	803.72	619.5734	600.0267	443.4733	1181.219604
########	800.7567	619.4866	600.3067	443.26	1221.037476
########	804.0778	615.7933	600.6667	444.3633	1190.000366
########	801.04	620.16	600.28	443.26	1214.158813
########	793.7466	618.0734	600.1867	443.4267	1230.812744
########	801.8133	617.0733	600.5867	443.312	1195.485718
########	808.2733	619.5	600.3267	443.5867	1195.814697
########	797.7466	621.4666	600.7133	444.5267	1180.312012
########	804.3467	621.2867	601.0734	444.5	1231.380981
########	801.3867	619.6	601.18	444.34	1196.816406
########	798.9267	622.9866	601.22	443.6133	1249.271484
########	793.6467	631.16	601.66	442.7933	1199.015625
########	802.7	618.58	601.5533	443.5867	1186.954102
########	799.2867	623.02	601.6866	443.7733	1205.721558

########	801.06	619.5267	601.14	442.3267	1189.209839
########	803.2067	623.2	602.0889	444.34	1219.825073
########	797.94	623.9266	602.1133	443.8267	1219.825073
########	805.4667	622.6	601.32	445.8133	1459.412598
########	803.4067	620.02	601.52	444.0133	1566.400024
########	800.2867	624.8333	600.2733	444.0267	1553.673828
########	801.3867	624.4467	601.4733	444.6	1475.316895
########	800.3133	628.6266	601.18	443.5867	1469.753784
########	799.6133	621.9867	602.5267	443.4267	1493.573364
########	800.5733	621.5867	601.3333	443.4	1508.593018
########	801.4366	614.9733	601.3666	444.5733	1494.155029
########	800.0267	633.9534	601.4467	443.9867	1544.471313
########	796.7333	622.0053	601.44	444.8733	1498.715698
########	808.2733	621.6133	601.7073	443.9867	1490.775635
########	798.69	623.11	600.78	447.09	1494.316162
########	800.35	621.91	601.57	444.45	1493.056396
########	799.96	623.7133	602.3867	443.0067	1487.23999
########	802.26	623.2	601.9867	441.6467	1530.046753
########	787.62	621.3	601.6533	444.8033	1510.142456
########	800.9733	636.4667	601.9533	443.2133	1570.163696
########	799.9067	620.9333	601.7867	443.1155	1487.556152
########	802.02	621.57	601.5	444	1551.287842
########	810	623.32	600.96	445.18	1476.218994
########	809.08	622.18	601.59	444.13	1542.250732
########	801.65	619.42	601.44	444.73	1530.801758
########	802.25	621.67	601.47	445.83	1506.691284
########	803.95	624.96	601.24	444.01	
########	799.62	623.06	601.92	444.29	
########	802.21	624.42	601.5833	445.46	
########	805.06	624.03	602.06	444.01	
########	800.22	623.32	602.34	444.62	1496.910156
########	807.47	626.17	602.49	444.29	1451.54895
########	802.31	622.55	601.85	443.36	1492.032593
########	800.78	623.53	601.53	445.72	1553.290894
########	796.49	626.46	601.5566	443.52	1506.031006
########	802.86	621.47	600.64	447.65	1487.029175
########	803.07	624.75	600.84	445.53	1499.297974
########	801.2	621.91	600.94	444.41	1504.293945
########	802.48	624.86	600.97	445.02	1495.835327
########	800.67	625.3	600.79	442.1	1482.364746
########	802.98	622.71	601.74	444.9933	1502.074463
########	802.98	625.97	601.2225	442.1	1485.306763
########	801.93	626.19	601.93	442.85	1498.23291
########	802.09	619.31	601.73	445.79	1503.639893
########	801.86	623.81	601.65	443.08	1497.584839
########	804.06	623.32	601.67	446.39	1488.291504
########	792.29	623.97	601.57	445.405	1470.883057

########	802.54	621.9	601.71	445.3025	1500.948364
########	802.98	626.3	602.215	445.11	1563.772217
########	802.58	625.25	601.77	445.63	1493.149048
########	794.51	623.7	600.68	446.49	1550.658691
########	804.73	628.54	601.08	443.97	1512.427734
########	798.81	624.09	601.09	446.5	1461.238159
########	802.65	622.06	601.27	447.22	1494.376831
########	802.96	624.09	599.26	446.94	1546.040039
########	794.948	624.848	600.644	446.4725	1541.811157
########	782.5	624.0416	601.78	446.37	1508.23584
########	805.78	625.8933	603.5867	448.9533	1491.026123
########	791.3934	628.2333	602.77	444.41	1403.925537
########	802.8284	625.2367	602.1533	443.9283	1236.800903
########	807.0717	631.86	602.5767	445.11	1163.275391
########	802.7467	623.425	602.3533	446.3533	1109.23938
########	803.2367	633.67	602.5767	448.915	1044.308105
########	803.3184	622.6292	602.3067	448.1517	998.7285767
########	809.1483	628.995	602.2484	446.4939	1041.31543
########	801.8566	623.3766	601.5792	448.6433	1098.878784
########	802.3467	625.9366	601.5117	447.59	1086.275269
########	812.635	597.605	601.535	447.6367	1068.653442
########	802.77	623.9533	602.1533	449.35	1064.209106
########	802.9417	678.9983	602.2233	449.5333	1109.080078
########	802.2183	625.365	601.2117	447.0217	1150.26062
########	809.2209	625.2717	601.565	446.4175	1535.75647
########	771.9916	634.9067	601.2767	446.7467	1495.817993
########	799.595	628.05	600.6208	447.325	1500.662964
########	804.0183	625.59	601.065	447.3717	1456.364868
########	803.0383	622.9083	600.4208	447.0533	1456.364868
########	803.9833	624.0258	600.6284	447.885	
########	788.125	619.5267	601.6933	446.875	
########	803.95	624.145	601.655	446.02	1498.14502
########	808.32	617.115	601.5016	448.215	1506.330444
########	803.06	625.3651	601.575	447.12	1485.368164
########	802.355	624.705	600.5133	446.74	1509.892212
########	802.805	624.665	601.965	447.745	1547.234253
########	803.345	624.59	601.09	447.425	1505.384155
########	803.0325	624.015	601.195	447.49	1503.917847
########	803.115	623.5825	601.735	446.784	1476.127319
########	803.815	622.915	601.11	446.055	1447.574463
########	803.1075	622.955	601.09	447.08	1536.751953
########	802.755	624.32	601.26	446.89	1543.556519
########	802.32	624.2925	600.74	446.71	1469.635132
########	803.045	624.32	600.88	447.11	1463.719116
########	803.06	623.675	601.105	447.11	1501.464233
########	802.68	623.295	600.895	446.74	1517.809692
########	803.385	623.6066	600.245	447.135	1498.209717

########	803.71	623.185	600.875	447.46	1464.726929
########	802.8775	622.12	600.685	447.135	1522.628906
########	802.055	623.255	600.71	446.435	1479.919922
########	802.605	622.535	600.465	447.7825	1507.277832
########	802.665	623.99	600.605	447.1175	1518.525757
########	802.31	623.145	600.875	447.765	1503.456543
########	802.9433	622.4692	600.6232	447.6517	1477.028809
########	802.2692	622.5461	600.5433	446.8734	1476.817749
########	801.6866	623.4483	600.4392	447.2622	1511.246704
########	802.6883	623.1675	600.3567	447.0133	1501.141479
########	802.1483	623.5134	600.6217	447.81	1550.675415
########	801.2867	622.2733	600.435	446.7867	1494.692017
########	802.065	622.6517	600.3478	446.8192	1483.860352
########	802.1483	622.8567	600.3134	447.5616	1492.049316
########	802.1175	621.475	599.9567	446.8734	1505.008545
########	801.525	622.575	599.8433	447.6483	1503.15686
########	801.6866	620.225	599.2516	447.2517	1483.853882
########	801.5134	620.1384	599.2567	447.5325	1500.92688
########	801.8433	621.9483	599.0566	447.1867	1491.037964
########	801.9567	619.525	599.0911	446.7867	1493.552246
########	801.5133	620.5378	599.0783	447.1867	1480.913818
########	801.9133	620.0567	599.1266	447.6483	1481.068848
########	801.6173	619.835	598.3083	447.6483	1491.613892
########	801.8956	619.4384	598.3433	446.8044	1518.14856
########	801.9207	620.0616	598.6783	447.8654	1495.446045
########	801.6985	618.9617	598.0162	447.9617	1516.547485
########	801.2867	618.9617	598.2783	447.6297	1499.807373
########	801.7783	618.6517	598.2217	447.667	1505.197754
########	801.7533	618.2533	598.4314	448.4054	1507.956421
########	802.185	618.625	597.9533	447.615	1507.956421
########	801.3533	618.3467	598.0616	447.5316	
########	802.097	618.7683	597.9916	447.625	
########	801.9384	618.7683	597.9533	447.9317	1492.922729
########	801.5067	619.1392	598.0767	447.1767	1499.192749
########	801.8467	619.1066	598.145	447.79	1511.739258
########	801.3533	619.1066	598.385	446.8533	1512.664551
########	802.1617	618.615	597.955	447.1608	1511.270996
########	801.5067	618.275	598.3083	446.8317	1531.483276
########	801.6766	618.3784	597.9233	446.8022	1444.81665
########	801.3317	618.2533	598.0317	448.4467	1514.679688
########	801.4317	617.4617	597.6467	448.715	1504.011597
########	802.185	616.9067	597.4767	448.1783	1511.482666
########	801.8467	617.9467	596.7767	447.6406	1495.507935
########	802.185	616.5683	596.9305	448.19	1497.688354
########	802.7933	616.5683	596.4533	448.375	1534.631592
########	803.5317	614.5842	596.4533	449.4892	1488.00708
########	804.4233	614.685	596.6533	449.815	1473.950317

########	803.363	614.685	596.5767	449.71	1570.787598
########	803.1925	616.3317	596.9775	449.2178	1478.053345
########	803.3175	615.875	597.035	448.49	1508.925903
########	802.48	618.305	597.195	447.91	1473.690063
########	802.165	619.035	597.67	448.765	1493.223267
########	802.165	617.275	597.67	449.3975	1492.502686
########	802.135	618.485	598.0967	448.8325	1492.179321
########	802.52	618.3475	597.76	448.7575	1518.297485
########	802.145	618.44	597.53	448.355	1486.395996
########	802.74	618.91	598.098	448.99	1505.772095
########	802.74	619.2975	597.945	448.99	1511.141235
########	802.385	619.02	597.69	449.0525	1505.216431
########	802.52	619.585	598.365	448.7683	1526.342285
########	802.0825	618.815	598.02	448.5617	1490.586426
########	802.165	618.98	597.87	449.61	1489.398315
########	802.48	617.495	597.98	448.985	1478.020386
########	802.66	618.4975	598.11	449.205	1498.029419
########	801.915	618.635	597.71	449.34	1502.345215
########	802.135	619.0475	597.82	449.865	1539.092651
########	802.165	618.665	597.9584	448.765	1516.918091
########	802.5168	618.3867	597.6905	449.5863	1495.494263
########	802.165	619.16	597.84	449.615	1503.484009
########	802.145	617.535	597.78	449.39	1478.934448
########	802.135	618.525	598.275	449.12	1484.836426
########	802.2787	618.1992	598.1583	450.1133	1483.303711
########	802.4133	617.91	597.9434	449.7492	1485.364746
########	802.1075	618.2433	597.0417	449.2942	1490.800171
########	802.4434	617.7117	597.315	449.4433	1492.876831
########	802.1075	618.2133	597.4567	449.1267	1456.033936
########	802.0992	618.1884	597.785	449.6117	1511.302856
########	802.1287	617.1984	597.9434	450.0883	1511.302856
########	803.2625	618.2733	597.7622	449.785	1518.214722
########	802.5016	617.7883	597.2567	449.785	1518.214722
########	802.085	617.1984	597.2567	449.785	1507.263062
########	802.4133	618.2983	597.9733	449.11	1506.738892
########	802.0717	618.7008	597.4283	449.9995	1482.078247
########	802.5867	617.025	597.0717	449.3992	1507.111572
########	802.5867	618.0433	597.4866	450.1133	1523.280273
########	802.9866	618.0117	597.185	449.915	1514.506958
########	802.6422	617.7567	597.2017	450.3622	1489.776245
########	802.8133	618.2733	597.57	450.2017	1501.110229
########	802.2825	617.9821	597.3767	450.2717	1489.144775
########	802.3467	617.6555	597.3767	449.3453	1493.880249
########	802.1237	618.7816	597.1583	450.3183	1486.866699
########	803.0067	617.5325	597.135	450.3183	1499.761841
########	802.3467	616.775	597.5767	450.7067	1502.379028
########	802.035	617.435	597.03	450.0467	1503.791382

########	802.9511	616.7283	596.935	449.735	1502.662476
########	803.365	617.5325	597.2233	449.8283	1499.466553
########	802.6183	617.3067	597.4233	449.9061	1488.40686
########	802.3467	617.435	597.1116	449.9825	1514.741821
########	803.59	617.925	596.7467	449.735	1499.187378
########	802.3933	616.7767	597.0883	450.4467	1483.035156
########	802.7642	617.3533	597.0533	450.2233	1501.933838
########	802.6884	616.9533	596.9883	449.7817	1503.079102
########	803.1816	616.9728	597.3184	450.0092	1511.078491
########	802.8766	617.3533	597.5416	450.8116	1491.091187
########	802.265	617.5717	597.1117	450.0933	1525.458252
########	802.3933	617.3067	596.8091	450.3844	1523.518433
########	803.3184	617.3533	596.935	449.7817	1505.271851
########	803.0679	616.11	596.9584	450.3592	1512.187988
########	803.02	617.36	597.35	450.6519	1507.609375
########	803.44	617.04	596.87	450.83	1480.010132
########	802.2489	616.9767	597.0733	450.1267	1516.887085
########	803.38	617.0467	596.7133	450.7867	1501.860229
########	804.0533	616.6533	596.5267	450.6578	1512.463379
########	803.4267	617.0267	597.34	450.7466	1507.615845
########	802.7267	616.3734	596.9333	451.4533	1511.905273
########	803.38	617.0733	597.0867	451.4633	1495.754028
########	803.0733	616.9533	596.91	451.08	1510.971069
########	803.3845	616.6266	597.1066	450.4133	1498.102051
########	803.38	616	597.0867	450.82	1479.741089
########	803.24	616.9422	596.9133	450.8066	1481.316895
########	803.7733	616	596.6733	450.5422	1502.508667
########	803.3533	616.6133	596.9133	451.4733	1525.13501
########	803.1033	616.9533	596.8066	450.4267	1484.370239
########	802.7467	617.7267	596.3267	451.1266	1471.863403
########	802.7267	617.6633	596.9133	450.0533	1502.885254
########	803.3767	616.9867	596.8734	450.4133	1502.885254
########	802.381	617.4511	596.74	451.74	
########	802.3533	617.0267	596.6733	451.4867	
########	803.3767	616.8933	596.6289	451.2822	1514.828491
########	802.3533	616.6266	596.7266	452.1267	1497.655029
########	802.7733	618.0667	596.3533	451.5267	1510.261719
########	802.02	617.98	596.6934	450.94	1505.331909
########	803.18	617.14	596.7133	450.4467	1497.45874
########	803.45	616.6933	596.97	451.78	1509.927734
########	802.8633	617.1434	596.24	451.6533	1480.101563
########	803.7733	616.6933	596.0566	451.2233	1499.870117
########	804.71	615.9467	596.1833	452.88	1484.310059
########	803.1544	616.415	595.87	452.9067	1517.812988
########	803.6467	616.1367	596.0683	452.1683	1513.036377
########	803.2633	616.11	596.6533	452.9378	1494.126465
########	804.2433	614.8933	596.3467	452.6933	1494.640259

########	803.75	616.0433	596.6067	450.9283	1493.870728
########	803.4467	616.7867	596.6533	451.5933	1498.702393
########	803.7813	615.67	596.3566	452.65	1517.040894
########	804.0566	616.565	596.2233	452.8133	1489.682495
########	804.4533	615.7367	596.3766	451.6633	1492.287842
########	804.4067	616.8566	596.07	452.32	1483.023315
########	805.0367	616.2067	596.6533	452.8567	1505.395752
########	804.8067	616.9067	596.5933	452.5067	
########	804.3467	616.9533	596.5467	452.8133	1498.157349
########	804.935	617.2567	597.0233	452.9067	1626.258789
########	804.5933	617.6183	597.3533	452.8133	1627.963867
########	804.8689	619.5734	598.1833	453.4867	1566.901001
########	803.9028	619.44	598.44	452.0029	1571.375488
########	803.85	620.06	598.03	453.26	1561.221436
########	804.66	617.94	597.68	452.76	1580.871704
########	805.3	618.38	597.4	453.26	1513.665405
########	805.48	617.86	597.28	453.94	1544.526245
########	805.14	618.06	597.64	453.46	1490.061523
########	805.27	619.36	597.74	453.86	1507.73584
########	805.44	617.26	597.9733	453.46	1582.661133
########	805.28	618.98	597.92	453.66	1561.226318
########	806.18	621.55	598.28	453.78	1545.109863
########	788.36	617.5	598.6	453.78	1488.904297
########	806.28	620.48	597.94	454.22	1512.926392
########	808.08	615.42	598.54	453.78	1530.843994
########	805.64	630.6	598.7266	453.46	1447.521362
########	805.76	621.26	598.62	453.86	1452.578979
########	805.08	620.88	598.38	453.66	1546.03833
########	805.84	620.66	598.62	453.98	1574.931519
########	805.9522	622.2123	599.2558	453.86	1555.378174
########	804.78	624.66	599.06	453.94	1510.796143
########	792.74	623.34	599.25	453.4867	1495.252808
########	804.2733	617.9133	599.4457	452.5886	1495.252808
########	804.42	622.75	599.6866	452.6767	
########	799.5	621.3233	599.23	453.4733	
########	806.25	633.4366	598.6733	455.0267	1398.091309
########	810.8967	620.8016	598.435	455.0267	1481.926514
########	805.92	621.5734	598.3867	454.315	1544.657349
########	798.4667	615.7134	599.0433	454.7233	1586.266113
########	801.7667	616.3467	598.6733	454.0033	1558.498657
########	807.6533	621.075	599.0133	456.2967	1471.257446
########	805.5133	622.17	598.825	454.4033	1553.932007
########	816.83	624.6433	598.8434	454.8766	1550.382202
########	806.8734	621.2383	599.0134	454.5733	1476.8125
########	806.3267	620.9233	599.4966	454.2875	1428.715332
########	806.3033	621.1767	599.0684	454.5733	1358.126221
########	807.6266	631.9067	599.4966	454.8533	1399.068726

########	807.2222	623.3633	599.6266	455.4167	1450.329956
########	808.33	620.75	599.4966	456.6767	1479.708984
########	806.3033	624.2233	599.8433	456.6767	1450.581665
########	799.4467	623.8233	599.8267	455.655	1469.940063
########	796.78	621.27	600.8767	454.6267	1465.390137
########	807.6533	629.5466	600.4338	455.0514	1493.271973
########	806.5134	624.4067	599.4866	455.28	1386.193115
########	805.9966	625.6533	599.8334	455.8067	1358.798462
########	806.13	617.4033	600.6233	456.8533	1431.924561
########	804.7933	621.6934	600.7657	455.76	1442.482788
########	806.5933	624.5133	599.8133	453.7333	1482.170166
########	812.24	625.9867	600.2534	452.4867	1476.192871
########	805.7067	624.4067	601.0466	454.6933	1449.993652
########	801.9666	624.5933	601.1533	456.3067	1475.320435
########	805.7067	625.0267	600.4867	455.3867	1511.300415
########	804.86	620.92	599.9467	455.5933	1597.903198
########	806.5134	624.8867	599.8533	456.9267	1601.388428
########	805.7867	625.9133	600.9133	456.12	1592.558472
########	799.7333	624.5133	600.3467	454.5067	1548.109741
########	806.22	623.6	601.34	456.1534	1527.268921
########	806.11	641.6067	600.4733	455.7705	1493.988159
########	806.22	630.38	600.31	455.6067	1518.620361
########	804.5333	626.5667	600.1467	452.7133	1553.433838
########	806.3533	624.52	600.1334	455.6067	1508.11792
########	815.5733	622.4667	599.5067	453.6667	1498.497437
########	806.5933	624.4067	600.3467	457.22	1515.928711
########	813.26	622.3933	600.3467	457.8867	1538.227661
########	807.18	623.8933	600.86	454.6133	1546.016113
########	801.64	626.28	600.3134	454.6133	1543.255981
########	805.27	626.06	601.1033	455.68	1527.383423
########	801.01	626.54	602.16	454.84	1459.684448
########	804.3199	622.09	600.88	454.62	1458.462158
########	811.02	621.84	600.4301	458.8	1491.652832
########	808.75	625.54	600.02	456.72	1491.652832
########	805.805	621.96	599.82	457.7	
########	808.01	623.96	599.46	456.64	
########	804.98	628.26	600.335	461.37	1423.289795
########	807.905	625.95	600.29	458.18	1313.670044
########	807.37	612.3	601.19	455.43	1340.85437
########	786.49	624.11	601.33	455.43	1349.243774
########	808.35	625.5	601.68	461.08	1324.963501
########	803.73	626.05	600.22	456.82	1371.616333
########	800.54	627.205	600.72	448.34	1416.558105
########	810.14	626.97	600.45	458.99	1502.746582
########	805.12	625.59	600.86	455.86	1515.317017
########	820.97	625.46	600.14	455.27	1575.439941
########	806.5	630.16	600.05	456.13	1559.921875

########	808.6	626.42	600.05	455.54	1571.097534
########	805.93	625.48	601.04	455.86	1556.373047
########	807.39	624.88	601.22	457.59	1479.601929
########	806.77	624.36	600.22	456.38	1457.846069
########	807.5057	630.2485	601.53	455.61	1396.501343
########	801.0333	626.6534	600.06	454.1933	1432.13855
########	807.8467	629.3867	600.0467	456.7467	1429.698486
########	804.74	626.3533	600.36	454.9666	1406.686401
########	803.7866	624.7267	600.3734	454.6333	1423.755859
########	806.6533	632.44	600.48	457.0933	1423.755859
########	819.1133	624.14	599.96	457.3533	1455.605835
########	807.7267	624.2533	600.8867	455.92	1415.378296
########	800.9133	626.8533	600.8667	456.18	1475.942017
########	806.6733	625.5	601.0533	454.8133	1440.482788
########	807.2466	623.9733	600.48	456.5267	1423.460815
########	796.8533	626.3333	599.2733	456.82	1488.634155
########	809.38	621.3867	598.1934	457.4822	1506.358521
########	807.4534	629.76	599.3467	452.26	1538.793335
########	799.38	623.48	599.1333	457.52	1455.410889
########	811.1951	624.7328	599.1164	460.1443	1440.907104
########	811.625	635.2167	599.1917	458.3417	1563.889771
########	806.7292	615.5917	600.2167	457.0583	1577.082764
########	808.4083	598.9055	600.9916	458.0667	1512.618896
########	790.9792	646.6083	598.2833	457.3667	1494.311523
########	806.7584	628.3208	600.4917	456.725	1423.217407
########	809.5084	625.0083	598.9417	457.6667	1414.840088
########	809.9417	625.0083	599.7667	457.975	1453.474121
########	809.875	611.95	599.55	457.5	1443.311401
########	815.575	624.025	599.65	457.3667	1396.057983
########	817.45	620.375	600.9625	457.9	1432.078491
########	809	623.725	600.525	458.05	1410.277588
########	808.225	629.9	599.675	457.85	1412.645386
########	808.7375	625.225	599.775	457.0875	1437.809204
########	807.5625	594.775	598.3	460.9375	1444.311646
########	808.7	624.625	599.825	459.0125	1444.311646
########	807	625.55	600.375	458.825	
########	810.125	608.15	600.475	458.5	
########	808.15	665.975	599.625	456.475	1376.042236
########	810.025	629.9	599.5	457.825	1457.993042
########	807.7	625.325	599.95	457.575	1541.148071
########	807.45	624.875	600.425	456.8	1529.919189
########	808.625	624.9	600.15	458.1375	1510.88208
########	808.2813	624.5	599.55	458.2125	1408.817261
########	806.8375	624.125	599.375	457.8	1400.840576
########	807.275	625.7	599.9	457.55	1484.479004
########	808.225	624.65	599.275	458.3625	1469.126587
########	806.975	623.7	599.225	458.5	1410.431152

########	807.5	624.075	599.8875	458.175	1396.529907
########	808.1	624.0375	599.775	459	1473.444336
########	807.1375	624.5542	599.5167	457.9917	1461.787476
########	807.5667	624.5167	599.3583	457.8667	1416.179688
########	806.8833	623.8917	599.7667	458.3125	1431.550171
########	807.6833	624.3777	599.2167	458.575	1418.422607
########	807.5667	624.175	599.2167	458.275	1453.021606
########	807.7167	622.7917	599.2167	458.1375	1371.604004
########	807.275	624.2625	599.395	458.275	1312.187744
########	807.325	624.075	599.1334	458.0167	1264.99646
########	806.9417	623.075	598.9833	458.225	1449.11853
########	806.8666	623.3666	599.025	459.3472	1539.922485
########	807.225	623.3083	598.975	458.5708	1556.066406
########	806.9917	623.8333	599.1334	458.3417	1489.078247
########	806.2917	623.6583	598.8209	457.9417	1400.470581
########	806.8167	623.9167	598.725	458.3375	1509.965942
########	807.2542	623.3083	598.65	458.3417	1468.400635
########	806.2722	622.3333	598.8167	458.3917	1392.557739
########	807.225	623.4333	599.0167	458.05	1396.679321
########	806.6333	622.4833	598.175	458.3583	1412.69104
########	807.7417	621.2833	597.975	458.1083	1558.390869
########	807.1083	621.6333	598.2417	458.5083	1589.613525
########	806.2192	621.75	598.0833	458.0222	1612.985107
########	805.7591	621.0778	598.0455	458.3028	1550.809937
########	806.9917	621.7167	598.1263	458.25	1542.063354
########	806.4583	621.2806	597.7667	458.1083	1516.161621
########	806.175	620.1833	597.8667	458.7417	1398.620239
########	806.7667	620.3583	597.45	458.5958	1392.561157
########	806.3617	620.5333	597.075	458.4208	1425.557251
########	806.0521	620.3583	597.225	458.275	1549.306641
########	806.5333	619.725	597.1083	458.225	1592.688354
########	807.1083	620.3667	597.1583	457.7583	1556.420532
########	806.9333	619.725	597.3917	458.5083	1500.56665
########	806.9833	619.775	597.3083	458.5667	1526.765381
########	806.9417	619.3361	596.8458	458.3292	1458.909668
########	806.1458	620.2333	596.9875	457.6167	1458.909668
########	805.9445	620.3667	596.75	458.6639	
########	806.0083	620.4166	597.3583	458.225	
########	806.6333	619.2584	596.9875	458.275	1530.005493
########	806.6	618.3	596.65	457.8	1515.45166
########	806.42	619.08	596.58	458.48	1482.913086
########	806.326	618.9	597.05	459	1396.663696
########	806.4667	618.6458	596.3833	459.0333	1411.286865
########	806.4667	617.9333	596.3833	458.4467	1410.431396
########	806.4667	618.0231	596.2917	458.7333	1415.125732
########	807.125	617.825	596.45	458.7	1420.511353
########	806.45	618.525	596.1875	458.55	1380.112793

########	807.425	617.9	596.4	459.225	1410.309448
########	806.65	618.9375	596.375	459.1	1393.744995
########	806.4	617.8666	596.35	460.2	1424.704468
########	806.4667	617.975	595.5	458.325	1435.550049
########	805.9063	618.575	595.9	459.075	1405.25769
########	807.325	617.15	595.95	458.975	1395.630981
########	806.5	617.75	595.8167	460.25	1304.921387
########	806.9	617.8583	595.95	459.7	1347.428589
########	807	618	595.9875	459.75	1311.455322
########	807.7	617.575	596.4	460.2	1356.110107
########	806.175	618.225	595.975	460.325	1435.602905
########	806.825	618.2	596.225	459.4625	1388.56311
########	806.95	617.475	595.825	459.375	1402.054565
########	807.525	618.625	595.7	459.625	1352.276367
########	807.325	618.225	596.2375	459.275	1436.26709
########	807.05	618.25	596.1125	459.5461	1370.272461
########	806.175	618.058	596.075	459.275	1319.604858
########	807.0333	619.1417	596.2833	459.225	1372.212158
########	806.5555	618.7875	596.65	458.8333	1297.750244
########	806.2528	618.1857	596.3167	458.7143	1423.665649
########	806.9167	618.525	596.4083	459.1667	1349.696777
########	806.1167	618.5861	596.6917	459.9583	1434.662964
########	807.0667	617.4917	596.2833	459.2292	1460.744507
########	806.0917	617.7208	595.5833	460.2028	1424.754272
########	808.4083	615.6583	595.3583	460.6167	1440.362305
########	808.075	615.2917	595.2667	460.3083	1486.587769
########	808.3375	615.75	596.0583	460.9667	1477.661377
########	806.4833	618.0667	595.8583	459.5167	1414.91333
########	807.1583	618.7083	595.9667	459.9305	1374.305054
########	807.375	618.0267	596.075	460.6333	1264.450317
########	806.6542	618.775	596.2916	460.6208	1196.157593
########	806.6417	618.6958	595.8417	460.9417	1303.790527
########	806.025	618.8917	595.8083	459.8667	1241.025391
########	807.0333	618.3138	596.2833	460.5083	1308.576172
########	806.9167	618.7542	596.2583	459.1208	1273.559082
########	806.3333	617.975	596.0028	460.2833	1271.538452
########	806.05	618.7	596.0786	460.85	1271.538452
########	806.5167	617.6417	596.0583	460.325	
########	806.0583	617.675	595.45	460.1778	
########	806.15	617.55	596.0292	460.9417	1331.47998
########	807.7083	617.6417	595.8167	459.9333	1363.483887
########	807.8583	616.6333	595.4333	460.6792	1342.610596
########	807.125	616.9417	595.325	459.6583	1418.402222
########	806.3666	617.5834	595.6166	460.575	1377.070557
########	806.15	617.0333	595.4333	460.9417	1335.945801
########	807.9833	618.0083	594.9417	461.3083	1452.592407
########	807.7833	615.625	594.8834	460.6667	1455.452759

########	808.4542	614.6167	593.9333	461.425	1481.883423
########	807.1583	616.9083	594.3333	461.1407	1379.160889
########	807.0209	618.0083	594.9861	460.6963	1332.314697
########	807.375	616.9667	595.5833	460.6333	1388.303223
########	807.3417	617.3334	595.8167	459.9333	1347.026978
########	806.3792	618.775	596.075	459.8667	1354.59375
########	807.2833	618.4333	595.6166	460.4625	1223.362671
########	806.425	617.4084	595.4167	460.7083	1358.426147
########	807.7667	615.6583	595.3583	460.6792	1307.130127
########	807.7889	616.5167	594.9459	461.1042	1315.117432
########	808.1083	616.6166	595.05	461.0583	1258.32312
########	807.375	616.6666	595.3417	460.8889	1223.898926
########	806.875	616.7	594.975	460.8	1369.049927
########	807.35	617.625	595.23	460.175	1377.03479
########	807.5	616.7	595.55	460.525	1463.454102
########	807.2625	617.425	594.925	460.9	1472.472412
########	806.875	617.275	595.5	460.6333	1591.140625
########	807.75	616.475	595.0875	461.4375	1591.122803
########	807.325	617.1	595.35	461.175	1502.411011
########	807.05	616.75	594.8125	461.1	1516.301392
########	807.6164	616.5603	595.3471	461.2885	1454.723145
########	806.9933	617.8066	594.8734	461.48	1430.314941
########	807.32	616.4866	595.2267	461.1711	1425.875854
########	806.8467	617.7516	595.0334	461.1067	1289.619263
########	807.5689	617.2534	595.4534	461.1067	1356.982788
########	807.6934	616.6533	594.5667	461.2967	1227.736206
########	807.8	616.4866	594.8467	462.4267	1410.937866
########	807.2134	616.0067	595.1467	461.2533	1457.013428
########	807.4978	616.3333	595.0978	461.8067	1417.907104
########	807.2866	617.1067	595.0334	461.8067	1339.40332
########	807.21	616.52	594.7534	461.9933	1324.914673
########	807.2866	616.52	594.9733	461.6933	1261.267334
########	807.32	617.2933	595.56	461.2533	1323.853271
########	807.5433	616.38	594.6866	461.48	1347.512085
########	807.0967	617.0767	595.5486	461.3723	1339.388062
########	806.9266	616.92	595.7653	461.8734	1242.086304
########	807.3233	616.47	594.56	460.8383	1225.480957
########	806.7933	616.1266	595.4533	462.2617	1225.480957
########	806.5267	617.0533	595.3434	461.8734	
########	807.0244	616.4517	594.4434	461.1733	
########	806.6467	616.4017	594.7833	461.2233	1307.686279
########	806.3033	616.5233	594.5533	461.8911	1379.39917
########	806.6067	616.2733	594.7167	462.02	1324.854614
########	807.315	616.1266	594.8434	461.8911	1342.303345
########	806.13	616.6967	594.4467	462.0233	1204.59436
########	807.7233	615.6433	594.64	462.3233	1275.42334
########	806.9866	616.2067	594.7267	462.3267	1262.307617

########	808.1033	615.4266	595.0867	462.3233	1276.96582
########	807.27	616.43	594.985	462.4033	1253.393188
########	806.5533	616.4467	594.83	462.4967	1338.765259
########	807.4966	615.4266	595.03	461.53	1456.357178
########	806.9266	616.6967	594.2733	461.8734	1358.804321
########	808.0933	614.1537	593.86	463.84	1397.62439
########	807.58	615.7	594.64	462.4325	1397.62439
########	808.16	614.28	594.93	462.17	1281.440796
########	808.12	615.76	594.52	462.77	1272.716553
########	807.33	616.5699	594.14	462.6425	1200.03772
########	806.81	616.89	594.28	463.52	1366.218628
########	808.47	614.53	593.65	462.82	1325.025391
########	809.585	612.8199	594.46	463.31	1361.096313
########	808.94	614.1349	594.01	464.26	1356.535645
########	809.5699	615.63	594.065	464.945	1361.02356
########	808.54	616.53	594.77	463.915	1348.622803
########	809.435	616.52	594.97	463.67	1300.464722
########	808.405	617.055	595.18	463.83	1236.479614
########	808.83	618.17	596.03	463.6433	1260.208862
########	809.22	618.53	595.44	462.57	1395.241821
########	808.5133	619.87	596.165	463.98	1292.902344
########	809.22	618.21	596.14	463.52	1367.068237
########	807.8033	619.695	596.52	463.83	1448.199097
########	807.37	619.98	597.06	463.56	1431.232178
########	808.47	619.24	596.165	463.83	1455.036133
########	807.9067	620.4067	596.9067	464.0467	1333.815796
########	808.3867	620.4067	596.8267	463.82	1337.896484
########	808.66	619.7	596.6891	462.932	1459.397217
########	807.47	619.87	596.41	462.84	1557.41687
########	810.48	620.4067	597.1123	464.0067	1510.857544
########	812.4933	617.6533	596.6689	463.4933	1394.125366
########	809.8867	619.7733	596.66	463.6933	1370.336304
########	805.7067	619.1267	596.8467	464.4067	1312.004272
########	810.5867	616.6	596.7534	463.7533	1387.319458
########	811.6133	631.4133	596.9533	464.0067	1345.862305
########	809.0134	626.94	596.0444	464.9933	1367.912231
########	812.5333	620.4866	596.7534	464.1933	1400.62561
########	819.02	619.38	597.0667	464.1933	1375.868652
########	810.2933	619.6067	596.6266	465	
########	810.1067	619.82	597.2222	463.3067	
########	812.1266	620.1934	597.1866	465.8067	
########	805.8867	629.3533	597.0466	464.6267	1282.300537
########	802.3334	630.3467	597.64	463.68	1329.825684
########	809.38	624.5533	597.0334	463.7133	857.7954712
########	808.7134	622.8334	597.0822	461.7733	750.437561
########	810.0033	617.7	596.6467	464.6289	740.1164551
########	810.48	625.6133	597.3467	461.7867	774.4101563

########	807.2467	619.7867	597.5466	463.82	860.0283813
########	809.38	621.1067	598.04	463.7867	859.0606079
########	809.8867	622.6467	597.6934	464.4067	859.0606079
########	808.42	621.9133	597.5067	465.1067	895.7833252
########	808.7133	619.38	597.8334	465.4	1201.25769
########	809.4133	618.1733	597.9867	464.1867	1283.190186
########	819.24	620.3	598.2267	465.9133	1277.129395
########	805.2867	619.46	598.0933	465.0978	1272.333496
########	807.54	621.4978	598.0533	464.78	1225.150879
########	812.1667	620.6333	597.8933	464.9933	1298.219971
########	803.84	621.0734	597.56	465.2133	1264.609619
########	816.7467	619.9733	598.3533	464.6333	1128.040283
########	808.0133	622.6067	598.2267	464.78	1278.619629
########	809.85	623.12	598.7534	465.2133	1312.446899
########	811.28	622.8267	598.1334	465.8067	1312.446899
########	798.8133	623.5267	598.0533	466.3933	1303.882202
########	814.22	622.9067	598.3533	466.06	1303.882202
########	810.62	623.4133	598.94	466.02	1310.945679
########	808.6171	624.04	598.86	464.92	1300.861816
########	806.3133	623.8167	598.235	466.0233	1273.720825
########	809.1266	624.6233	599.0422	464.5267	1237.97876
########	811.02	617.405	599.0167	464.8517	1295.496216
########	806.1033	623.0967	598.96	465.7033	1247.170044
########	816.1434	630.3317	598.415	464.6833	1321.299805
########	809.0734	632.0233	598.8666	463.13	1302.14502
########	799.3267	627.3867	598.8134	463.97	1240.484131
########	809.6033	621.4533	598.4133	466.8967	1240.484131
########	809.8267	622.8033	597.7133	465.7967	1157.847168
########	809.7911	622.42	598.8467	467.35	1319.390503
########	811.0733	623.8267	598.13	467.7467	1387.429443
########	809.5767	624.0767	597.6267	464.9233	1390.396729
########	806.4133	626.17	598.2833	466.83	1325.069092
########	805.6467	625.315	597.9733	469.335	1339.891235
########	816.4567	623.2267	598.7567	463.13	1339.891235
########	805.6334	623.4534	598.4133	465.9167	1303.574951
########	799.9966	624.7933	598.4167	465.9017	1351.135742
########	810.7267	629.91	598.4133	466.2467	1322.276733
########	806.9166	625.72	598.8322	466.7267	1335.934204
########	809.68	624.8267	598.6467	465.6266	1335.934204
########	810.9534	628.35	598.8134	465.9467	1289.602295
########	809	624.2767	598.37	466.7533	1287.792603
########	810.53	621.7883	598.1583	466.1967	1287.792603
########	810.0533	620.54	597.6266	465.4533	1313.715698
########	813.1166	625.2933	598.1133	465.1133	1242.189819
########	810.1733	625.9617	598.4767	465.6234	1170.572632
########	810.2267	623.6266	598.4733	466.5178	1169.802246
########	804.5467	624.01	597.9966	466.3267	1211.862793

########	809.86	623.34	598.94	465.9533	1168.130005
########	811.68	624.5	597.28	465.78	1252.50293
########	810.9534	620.6833	598.17	466.8033	1218.635498
########	811.2367	629.8433	598.13	466.5911	
########	808.7067	625.35	597.7733	466.8967	1193.389526
########	811.63	622.2767	597.5767	467.2967	1208.962646
########	810.53	623.92	598.3116	465.7834	1208.962646
########	818.4267	625.23	599.0967	465.9983	1232.899902
########	810.52	621.98	597.4915	466.6938	1262.255493
########	810.92	619	598.18	466.2067	1219.02356
########	811.08	623.88	597.96	463.48	1161.669434
########	807.8	625.66	598.21	467.1	1197.965332
########	811.14	627.76	598.26	465.1	1051.936768
########	811.3	619.2	598.08	466.26	850.2237549
########	802.08	621.6	598.82	468.7	663.1940918
########	817.74	626.4	596.52	467.32	663.1940918
########	795.72	619.06	598.18	466.66	711.0719604
########	809.06	635.54	598.38	465.17	576.8133545
########	808.44	622.14	598.94	466.66	520.826416
########	805.78	623.84	598.42	466.78	560.9220581
########	814.8	626.68	598.54	466.56	519.3953857
########	811.62	631.02	598.54	466.7	501.5854797
########	812.4	624.78	598.09	468.44	538.2523804
########	815.04	624.12	598.26	467.84	511.7867432
########	806.56	631.46	596.86	459.28	476.5853882
########	806.3467	628.8517	598.0383	467.9805	458.6658325
########	811.3683	624.2683	598.1917	468.465	576.6842041
########	812.5283	623.075	597.8958	467.8261	576.6842041
########	812.6317	623.19	598.73	468.01	539.3815308
########	812.4683	624.6783	599.455	468.35	698.9597168
########	811.8716	623.8467	599.4458	467.1683	764.3731689
########	815.06	625.06	599.1766	467.6933	816.1395264
########	811.5217	624.4417	598.555	468.0433	747.9113159
########	812.5283	607.9767	598.0767	467.7633	668.1566772
########	810.68	625.79	599.3738	467.425	596.553772
########	815.7367	625.3567	598.9933	467.4467	681.0974121
########	812.715	625.565	597.77	469.215	760.7205811
########	814.9233	623.61	598.185	470.6417	727.7597656
########	813.4633	624.175	598.8533	469.81	768.7799072
########	812.6892	624.1967	598.7767	468.4317	710.302124
########	812.4783	630.6417	599.3383	466.675	710.302124
########	819.8784	627.9883	599.1266	469.72	
########	810.9483	628.8467	598.2983	465.8667	
########	811.8033	626.9167	598.5289	468.2383	1239.691406
########	812.3633	622.3317	597.8433	470.6767	1243.356689
########	816.3567	627.5433	597.9617	466.7983	1281.387573
########	810.1517	626.1133	598.8517	468.235	1165.165894

########	812.0483	624.3867	598.6025	465.6233	1235.878296
########	815.8083	624.5483	598.5433	468.4733	1303.462036
########	812.3517	624.375	597.4867	468.7917	1343.608154
########	812.5133	622.6517	597.3567	468.95	1449.752075
########	810.7867	623.9567	598.0433	467.8383	1435.314819
########	810.7867	623.9133	598.3483	469.6483	1444.273682
########	812.1133	624.4258	598.4217	468.8517	1447.641113
########	810.7867	623.9133	598.0972	468.1517	1525.098145
########	811.5325	623.2867	598.1475	468.0767	1495.817139
########	811.0133	624.39	597.9567	468.7596	1511.024048
########	810.0867	624.7867	598.265	467.8383	1544.093872
########	809.6033	624.7867	598.9434	468.775	1579.126099
########	811.175	623.0175	597.6433	469.0966	1578.960571
########	811.3433	624.0616	597.5734	468.6567	1573.827026
########	810.5483	623.2867	598.2392	468.7433	1570.827271
########	810.3567	624.9266	597.73	469.2125	1560.630493
########	810.1517	624.3867	598.6459	468.7867	1555.506714
########	809.6433	624.4733	598.5433	468.3867	1509.178711
########	809.5742	624.9216	598.0433	467.8383	1496.54126
########	809.8378	624.235	598.065	468.5383	1524.720825
########	809.8483	624.0128	598.07	468.6827	1525.805298
########	809.4191	623.8267	597.8892	468.4733	1576.605347
########	809.365	623.135	597.4867	468.2383	1505.858032
########	809.9133	622.575	597.73	468.7289	1481.89563
########	809.7617	622.0383	597.2783	469.335	1469.344482
########	809.5675	620.8517	597.7133	468.8517	1479.265991
########	808.7383	621.1567	596.8567	468.4733	1488.505005
########	809.2567	621.3134	596.43	468.625	1398.55188
########	809.4662	620.8517	595.9083	468.3867	1479.309204
########	809.3162	621.1617	596.2217	469.5616	1533.474243
########	809.3205	619.99	596.035	468.4733	1553.282471
########	809.296	621.345	596.0075	468.72	1488.99646
########	808.924	620.1982	596.045	468.724	1369.436157
########	809.5443	620.6257	595.6433	468.495	1362.316284
########	809.405	619.22	596.285	468.035	1408.168091
########	809.905	618.785	595.78	468.68	1403.039307
########	809.545	619.18	595.81	468.7088	1322.214233
########	809.585	619.053	595.39	468.705	1324.461426
########	808.935	618.6575	595.21	468.6934	1408.162842
########	809.0967	618.2225	595.61	468.035	1462.410522
########	809.09	618.555	595.39	468.805	1352.838135
########	808.92	617.74	594.7712	468.68	1352.838135
########	809.545	617.455	595.105	469.08	1317.657837
########	809.3787	617.455	595.01	468.735	1317.657837
########	810.665	617.61	594.68	468.96	1556.824707
########	810.5575	616.4775	595.3651	468.09	1770.78186
########	810.3675	616.3175	595.535	469.345	1680.48938

########	810.0275	617.72	595.105	469.115	1790.516968
########	809.6675	617.435	594.905	469.295	1681.54834
########	809.62	618.765	595.22	469.115	1700.151733
########	809.3025	617.665	595.01	469.09	1547.361328
########	809.5525	618.045	595.1625	468.34	1475.877197
########	809.6675	617.72	595.185	468.32	1498.758057
########	809.98	617.74	595.58	469.745	1549.729492
########	809.585	618.73	595.745	469.79	1530.927002
########	810.345	618.765	594.9984	470.16	1460.408691
########	809.3075	618.045	595.01	469.06	1577.151611
########	809.8033	617.415	594.963	469.765	1558.067261
########	808.94	618.42	594.57	469.0879	1579.473633
########	809.595	617.3227	594.905	469.745	1493.810059
########	809.5117	618.0838	594.53	469.13	1424.575317
########	809.33	617.9673	594.97	469.76	1370.705811
########	809.5825	617.6183	594.5817	468.7817	1344.167969
########	810.6183	616.8217	594.7883	470.1534	1431.932007
########	809.7939	616.565	594.7817	469.7533	1415.651123
########	809.6467	617.3767	594.3467	469.7533	1525.724487
########	810.3533	617.3533	595.4716	470.465	1610.958984
########	809.3817	618.6716	595.53	470.69	1575.222046
########	809.3116	617.0467	594.965	469.5767	1422.266235
########	809.3175	616.775	594.895	468.9567	1345.035034
########	809.9533	617.3533	594.8767	469.1375	1492.574219
########	809.473	617.0467	594.605	469.7533	1467.669189
########	808.9233	617.0467	594.735	470.0717	1510.10083
########	809.3817	617.5325	595.5358	470.5233	1438.41626
########	808.9817	617.4409	594.965	470.4592	1441.129761
########	809.9592	617.9716	594.4767	470.1534	1502.687378
########	809.9592	616.7489	594.9417	469.4933	1478.94812
########	808.9817	618.0183	594.435	469.31	1487.995239
########	809.5825	616.4283	594.5583	469.3183	1447.999023
########	809.565	617.925	594.1117	469.8466	1435.314453
########	809.5994	616.8867	594.27	470.1117	1405.975098
########	809.4558	617.0883	593.8425	470.2992	1372.240845
########	809.515	616.8566	594.515	470.8008	1417.466187
########	809.385	617.2867	594.53	470.3983	1451.197754
########	809.7133	616.515	594.3566	471.09	1533.540405
########	809.9941	617.1133	593.9567	470.9883	1400.835449
########	809.7911	616.325	594.4434	470.7867	1315.835205
########	809.8016	616.8867	594.1567	469.7117	1361.367065
########	809.9117	616.9008	594.07	470.4717	1328.832397
########	809.7491	617.1733	594.3867	469.9733	1328.832397
########	810.2867	616.8016	594.33	471.0133	1344.722412
########	809.8016	617.8433	594.8583	470.7867	1344.722412
########	809.4017	617.2567	594.015	470.0867	1321.849365
########	809.8016	617.1733	594.6417	471.1089	1427.207642

########	809.8016	617.3058	594.6434	471.1866	1596.409912
########	809.9008	617.0992	594.4133	470.6133	1576.572754
########	809.9434	616.3992	594.8434	470.7017	1410.714355
########	809.385	617.5678	593.9417	470.4575	1394.802246
########	809.6566	616.4984	594.6434	469.9383	1368.178711
########	810.1733	617.615	594.4434	470.6283	1454.726196
########	809.385	617.3883	593.9514	470.5117	1360.993896
########	809.6117	616.8016	594.1583	471.0733	1312.262695
########	809.8646	617.7261	594.27	470.6323	1408.491821
########	810.18	617.22	593.825	470.995	1474.1875
########	809.615	617.315	594.39	471.94	1408.063843
########	809.94	616.78	594.17	471.4425	1332.762817
########	810.315	616.795	594.355	471.285	1483.116943
########	809.4225	616.82	594.37	471.285	1533.484863
########	809.71	616.685	594.255	471.78	1513.476929
########	809.96	616.82	594.025	471.105	1302.873291
########	809.82	616.96	594.12	470.335	1295.870239
########	810.5425	616.905	594.01	471.5175	1320.483154
########	809.96	616.9213	594.01	471.2375	1481.040405
########	809.82	616.37	594.19	471.6617	1501.888428
########	810.22	616.89	593.99	471.435	1501.888428
########	810.095	617.18	594.52	471.91	1396.314819
########	809.7933	616.4575	594.12	471.9267	1426.112549
########	809.8075	616.01	593.9367	471.94	1417.811401
########	810.22	616.71	594.08	471.4575	1399.066528
########	809.96	616.285	594.01	471.69	1378.624146
########	809.3818	616.709	594.0836	471.7	1278.949829
########	809.8133	617.1133	594.4467	471.6933	1307.150757
########	809.7867	617.1867	593.7166	471.1133	1413.108521
########	810.1266	616.0349	594.3734	471.7169	1413.108521
########	809.7433	617.32	593.8633	471.85	1349.778442
########	809.395	616.49	593.6367	472.04	1373.566162
########	810.2534	616.5967	594.0566	472.1467	1365.408447
########	810.59	616.2333	593.4217	472.1267	1471.344727
########	810.2734	616.1133	593.5633	472.2533	1336.710083
########	809.8933	616.1533	593.9833	472.4783	1305.772461
########	809.7466	616.5566	593.8033	471.7433	1335.70166
########	810.1467	616.1567	593.59	471.8178	1503.906128
########	809.7266	617.9522	594.1533	471.7433	1465.722046
########	810.495	616.8734	594.1533	472.2933	1283.234741
########	809.8933	616.5217	594.48	471.9267	1223.384766
########	810.51	616.7466	594.4266	472.1283	1193.439331
########	810.2534	616.8016	594.2266	472.2178	1019.268738
########	809.8134	616.5566	593.8183	472.3267	1019.268738
########	810.8033	616.7433	594.13	472.1867	938.1522217
########	810.4856	617.2534	594.005	472.1467	938.1522217
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########	810.51	616.3347	593.8683	471.8933	1142.625122
########	810.3189	616.1733	593.9733	472.51	1124.85498
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########	810.64	616.92	593.98	472.18	1093.490234
########	810.64	616.58	594.06	472.8	1089.59021
########	810.99	616.42	593.7733	472.24	1089.59021
########	811.9	615.84	593.54	471.82	1018.07251
########	810.51	616.58	594.62	473.68	1115.824097
########	810.54	616.58	594.22	472.82	1092.287231
########	811.98	616.86	594.06	472.16	1018.788879
########	810.46	617.04	593.98	473.42	1047.332764
########	811.18	614.96	593.9	472.3	1172.346802
########	810.86	616.78	593.68	472.86	1167.564453
########	811.26	616.44	594.78	472.78	1172.168335
########	810.96	617.54	594.26	473.9	1121.437744
########	809.76	618.02	594.42	473.46	1049.629883
########	810.78	617.88	594.26	473	1105.804688
########	810.94	617.67	593.94	472.52	1105.804688
########	811.02	616.5	593.81	473.18	1087.992432
########	809.98	618.3	594.14	473.72	1090.409302
########	810.67	617.46	594.06	473.9	1112.032104
########	810.05	618.4633	594.12	473.4633	1108.089355
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########	810.06	618.44	594.4963	474.184	1135.355225
########	811.36	617.56	594.74	472.68	1101.118164
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########	811.7767	616.36	594.4933	472.4233	1036.355591
########	811.1066	616.3733	594.2933	474.8633	1120.780029
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########	811.1133	617.1567	594.8667	474.17	1084.389038
########	811.3066	617.4367	594.31	474.1767	964.9633179
########	811.8066	617.3734	594.4867	473.4867	1018.395203
########	813.2867	616.31	593.7867	474.0711	1094.827515
########	812.3933	616.8066	594.4867	474.6234	1049.708984
########	828.5366	622.7267	594.4933	474.1767	934.9259033
########	812.4683	622.33	594.3033	473.8267	1017.140076
########	813.0933	616.5767	594.3066	474.5211	1048.908936
########	812.5267	609.3533	595.1833	473.7883	1058.279663
########	825.6133	624.9417	595.7355	474.1767	955.7112427
########	811.0933	619.9067	595.3934	473.1367	932.116394
########	811.0867	620.4377	595.8967	473.5367	932.116394
########	814.46	620.82	594.8967	474.1867	1019.077026
########	833.13	620.5533	593.9333	475.2816	956.0250244
########	812.8767	613.8334	595.78	474.5733	956.0250244

########	811.6133	621.3067	595.6533	475.06	863.7376709
########	810.2534	620.4467	595.28	474.6933	863.7376709
########	815.88	627.4333	594.83	475.5	992.8035278
########	800.3533	621.0333	595.3334	475.9533	940.2028198
########	797.9933	614.4133	595.8267	475.1266	865.5320435
########	812.6933	619.5466	596.66	474.3467	835.7114258
########	812.64	626.5667	596.3267	474.9967	865.8032837
########	813.9067	618.98	596.1533	474.9333	960.9701538
########	812.6933	621.86	596.82	474.5467	960.9701538
########	811.9467	622.6467	597.0733	475.0733	1061.830078
########	806.88	623.4534	596.0933	474.1467	1195.687378
########	816.16	620.94	596.6733	476.3067	1151.413208
########	816.7166	623.4533	596.82	475.2733	1264.578247
########	815.3533	620.1334	596.3533	477.0067	1262.566895
########	813.74	620.2667	595.6266	476.9133	1378.954834
########	814.0533	620.98	596.6467	475.7467	1403.479614
########	814.0133	623.6933	597.4266	475.3933	1292.76001
########	811.96	622.2067	596.9266	474.7467	1522.785156
########	813.74	622.5767	596.64	475.6467	1560.821045
########	812.6733	622.3134	598.0533	476.9533	1668.04895
########	812.5733	619.7866	597.3067	474.3867	1668.04895
########	812.85	623.82	597.73	475.46	1427.035889
########	815.65	621.41	597.92	476.61	1533.239136
########	811.9733	623.32	597.54	476.13	1491.688843
########	811.55	615.48	598.14	478.1	1531.080566
########	810.94	624.165	597.5067	474.81	1396.681763
########	814.79	619.53	597.145	477.68	1387.298218
########	813.37	622.17	596.955	476.33	1369.381836
########	813.91	622.44	596.44	476.23	1426.92334
########	813.23	622.22	596.71	476.03	1430.356689
########	817.16	622.07	597.13	475.09	1533.694824
########	810.59	622.78	597.04	476.89	1603.217407
########	812.97	623.005	597.62	476.61	1603.217407
########	812.53	625.96	597.74	473.99	1550.815552
########	811.99	633.65	598.68	474.04	1483.393799
########	803.07	625.59	598.19	474.54	1415.014404
########	822.33	617.83	595.875	476.19	1454.823608
########	813.955	620.68	595.47	477.99	1459.40979
########	821.615	621.3	596.68	477.55	1507.744629
########	814.61	623.9067	596.91	477.32	1373.481445
########	800.22	624.04	596.66	478.64	1328.023071
########	813.53	624.38	597.225	478.65	1417.233032
########	811.59	624.37	597.44	477.43	1468.664917
########	813.0134	624.52	598.2667	475.65	1406.239258
########	813.8867	627.2267	599.5667	477.4333	1406.239258
########	809.0067	626.3134	598.3134	474.9733	1349.318237
########	816.7933	622.4733	598.4422	476.1867	

########	812.68	624.96	598.1067	475.2733	
########	817.9667	627.96	598.3734	472.6267	1332.755005
########	813.4867	624.3734	597.12	476.1867	1392.139282
########	812.16	627.52	599.0334	474.34	1392.139282
########	808.6533	623.9733	597.9867	476.26	1450.707397
########	813.8467	623.6733	597.6667	474.8267	1410.440552
########	812.3867	624.14	597.0067	476.94	1486.674927
########	812.0133	629.18	597.6133	477.5667	1502.173096
########	813.86	623.3867	597.0267	475.84	1441.855103
########	810.92	624.22	596.8867	476.96	1441.855103
########	814.5867	624.33	596.62	477.4733	1160.849976
########	814.1133	613.88	598.7933	475.3267	1116.342651
########	812.74	622.3533	597.6933	476.8867	1216.167969
########	809.22	625.5733	597.4933	477.5467	1180.215332
########	806.6733	621.32	597.4133	477.1266	1220.0979
########	812.8267	623.4133	597.26	476.7911	1110.771484
########	812.24	622.1666	597.26	477.3133	1101.899414
########	813.16	625.24	597.84	476.1867	1127.675415
########	799.4733	625.6133	597.92	476.1867	1160.570557
########	815.5343	624.5674	596.6067	477.2867	1291.307617
########	817.0067	625.95	597.9467	476.1983	1368.619995
########	817.2233	621.3967	599.43	475.1133	1392.969238
########	815.9766	625.1984	598.0734	475.9144	1481.401733
########	813.89	623.4533	598.5533	475.89	1404.456055
########	812.9667	621.0333	597.21	476.55	1316.834839
########	814.1434	625.18	596.4266	479.1833	1432.897827
########	814.55	623.56	597.525	478.01	1504.956055
########	815.255	615.54	596.45	477.6283	1597.653442
########	816.355	622.885	595.7625	478.005	1497.327271
########	811.665	635.16	596.77	477.36	1450.460693
########	814.715	626.16	596.37	476.72	1503.325562
########	817.715	622.255	596.555	479.89	1500.055176
########	819.32	623.095	597.0825	478.255	1553.646973
########	791.99	623.11	596.98	480.58	1553.646973
########	812.53	617.33	597.2733	478.2333	1382.28894
########	815.2067	624.1284	597.8367	478.2333	1381.563843
########	815.745	630.925	597.87	478.86	1473.276367
########	813.91	625.07	598.325	477.64	1515.931274
########	820.9417	626.9642	598.2183	478.8967	1528.705933
########	813.9567	618.115	599.1458	480.195	1440.732056
########	817.6967	626.0533	598.245	476.9283	1599.515869
########	816.4991	624.7733	597.1917	477.7533	1566.784912
########	814.675	624.71	597.7983	477.3017	1404.016846
########	814.6017	627.6183	598.0367	475.1933	1369.218018
########	816.5483	627.3367	598.5367	476.7517	1444.596558
########	822.8117	630.035	597.6367	479.9017	1506.239136
########	814.3359	627.4717	598.8375	479.0983	1506.239136

########	813.1422	625.3016	598.9366	477.0016	1410.915649
########	812.6033	627.265	598.6083	477.4267	1410.915649
########	813.945	625.155	597.8367	477.8267	1346.718262
########	814.7267	624.975	597.9116	477.375	1433.753906
########	814.8983	621.03	597.1917	473.7383	1385.199585
########	815.3992	622.625	596.5734	479.055	1431.339355
########	816.8967	618.9583	597.1275	478.2733	1530.146362
########	815.2983	623.4017	597.2367	477.8267	1653.143677
########	813.755	624.9533	597.8734	477.4267	1510.467529
########	813.5533	625.345	598.2083	477.955	1508.621216
########	814.9716	622.955	597.3834	477.3017	1481.851196
########	814.4733	622.955	597.3211	478.3633	1481.851196
########	814.1495	623.9876	597.1083	479.0183	1544.171875
########	814.0133	623.9966	596.8934	478.5817	1443.25
########	813.9941	623.2133	597.105	478.2558	1486.74353
########	814.1967	622.5183	596.8984	478.6117	1492.897705
########	814.2034	624.3442	597.0344	478.5817	1458.291626
########	812.6233	623.6066	597.2056	477.905	1461.289673
########	813.3067	624.6934	597.9933	479.2816	1399.462524
########	813.6934	624.675	597.2067	478.1884	1385.75354
########	813.9883	623.625	596.8442	478.6067	1509.255249
########	812.9442	624.0233	597.0016	477.8955	1495.779419
########	812.8767	623.6116	597.7933	477.5117	1428.837891
########	812.5442	625.3817	597.1984	477.9058	1381.838867
########	813.6934	623.4409	596.7656	478.6067	1448.105469
########	813.0627	622.905	597.0966	478.9933	1405.779175
########	811.8183	624.2817	597.09	478.6067	1458.501343
########	812.8372	623.0591	596.4966	478.9867	1419.987427
########	811.8066	622.905	596.5067	478.9933	1421.728149
########	812.5817	624.27	596.6934	478.9867	1420.341797
########	812.895	622.0294	596.2883	478.195	1461.376099
########	812.895	621.7817	595.2133	478.2184	1455.419922
########	812.605	621.3934	595.4984	477.9091	1391.403564
########	812.855	621.295	595.03	478.77	1427.426025
########	812.855	620.041	594.9375	478.0725	1400.811646
########	812.6225	619.96	595.3625	477.665	1419.911865
########	812.4683	619.9883	595.03	478.54	1356.360596
########	812.305	620.58	594.575	479.105	1375.769165
########	812.705	619.305	594.39	478.715	1460.437622
########	813.02	619.14	594.985	479.03	1443.344482
########	812.795	619.57	594.13	478.94	1429.319702
########	812.705	619.43	594.615	478.5325	1394.044922
########	812.795	619.645	594.87	479.2325	1389.968018
########	812.26	618.97	594.87	478.5325	1351.872803
########	812.855	618.661	594.16	478.32	1349.226196
########	812.6575	618.82	594.44	477.265	1389.934814
########	812.715	618.545	594.47	478.435	1407.850952

########	812.215	618.7975	593.99	479.2775	1407.850952
########	812.54	618.7775	593.845	479.045	
########	812.645	617.865	594.07	478.94	
########	812.6862	617.9017	594.2233	478.365	1394.311279
########	812.795	617.4525	593.93	478.6883	1402.053101
########	812.54	617.655	593.905	478.97	1362.045044
########	811.86	618.04	594.24	479.6475	1438.240845
########	812.7275	617.935	593.63	479.2775	1472.538452
########	812.7572	618.3746	593.7039	479.2388	1427.923828
########	812.7025	617.2734	593.6633	478.7367	1333.196411
########	812.805	618.025	594.2783	478.8217	1305.570923
########	812.4567	617.4783	593.2634	479.205	1330.287109
########	812.2422	618.3734	593.9633	479.0783	1445.853149
########	812.6987	617.9733	593.8159	479.2261	1454.647583
########	812.799	617.3073	593.7975	479.5733	1371.886353
########	813.1891	617.4783	593.7075	478.8567	1325.709473
########	812.7263	617.5975	594.1417	478.9928	1346.74353
########	812.2634	617.2734	594.0783	479.1975	1396.052979
########	812.8317	617.1755	593.8671	479.0317	1384.630493
########	812.8217	617.495	593.895	478.9928	1387.124634
########	812.805	617.5109	593.7366	479.205	1399.407715
########	812.7892	617.9891	593.9417	478.9367	1457.944458
########	812.755	617.8933	594.0583	479.1808	1447.514648
########	812.7394	617.495	593.7417	479.4267	1380.32312
########	812.5317	617.2634	593.9258	479.4608	1284.840576
########	812.8317	617.2217	593.5366	479.3483	1308.890381
########	812.7737	616.8734	593.2634	479.5733	1349.348022
########	812.6475	617.2217	593.5267	478.7267	1349.389282
########	813.0933	617.1692	593.945	479.3617	1362.233887
########	812.3128	617.7375	593.4485	478.8343	1383.039917
########	812.8483	616.3233	593.4067	479.1862	1397.944336
########	812.8517	617.545	593.4344	478.7683	1347.888428
########	812.373	616.455	593.2133	479.5309	1291.594849
########	812.755	616.8066	593.4966	479.8317	1318.872925
########	813.0034	616.7933	593.4133	480.0617	1356.659912
########	813.1067	616.8317	593.1033	479.1317	1365.582153
########	812.8225	616.455	593.29	479.4933	1369.673584
########	813.0034	616.6617	593.3933	479.5067	1372.594604
########	812.8275	616.7483	593.3656	479.8933	1262.62439
########	813.0034	616.9033	593.3033	479.7967	1382.342407
########	812.5477	616.9867	593.3933	479.8933	1456.102539
########	813.3044	615.9617	593.2517	479.4033	1372.750732
########	812.8225	616.8683	593.4966	479.4933	1265.980835
########	812.755	616.8066	592.9033	479.8206	1235.290527
########	812.7808	616.7933	593.0483	479.9022	1436.101318
########	812.745	615.4067	593.5033	479.6867	1458.909912
########	812.7672	616.69	593.28	480.5742	1392.576172

########	812.4275	616.405	593.495	479.7867	1265.554077
########	812.705	616.16	593.27	479.715	1265.554077
########	812.8504	616.1022	593.31	479.8978	1265.554077
########	812.6867	615.9617	593.245	479.8933	1265.554077
########	812.7988	615.845	593.07	480.47	1419.225342
########	812.765	616.145	593.27	480.17	1293.283081
########	812.445	616.79	593.07	479.58	1289.506836
########	812.765	616.355	593.105	479.96	1310.595337
########	812.8475	616.4775	593.33	480.555	1302.662354
########	813.42	615.97	592.865	479.44	1313.613159
########	812.9467	615.8275	592.675	480.54	1400.058716
########	812.705	617.0425	593.34	480.68	1478.773926
########	812.8475	616.355	593.13	481.305	1380.128662
########	813.03	615.795	592.475	479.945	1274.973389
########	812.8422	616.755	593.035	480.66	1288.863281
########	812.6278	616.9125	593.085	480.085	1257.744751
########	812.765	615.325	593.46	480.015	1302.087524
########	812.7238	615.69	593.06	480.54	1363.099854
########	812.915	615.655	593.13	480.785	1440.049194
########	812.445	616.495	592.835	480.225	1351.268188
########	812.705	615.705	592.6625	480.205	1374.929688
########	812.445	615.445	592.805	480.225	1342.084717
########	813.44	616.04	592.695	480.295	1254.831665
########	812.97	615.8025	593.32	480.6625	1360.017334
########	812.705	616.16	592.93	480.2721	1425.850098
########	813.2267	615.8817	593.2367	480.6017	1449.502197
########	812.9947	615.8508	592.9578	481.6983	1374.460571
########	812.889	615.8508	592.745	480.6017	1271.772705
########	812.655	616.2267	593.0245	480.2283	1229.656738
########	812.9367	616.1716	592.7817	480.6717	1338.437866
########	812.6708	616.1431	593.05	481.1333	1307.397339
########	812.7833	615.3167	592.5833	480.7333	1347.232666
########	812.6833	616.0667	593.1334	480.5278	1428.348633
########	812.625	616.4166	592.7167	480	1340.233643
########	813.1334	615.6583	592.8333	479.8833	1343.981323
########	812.8917	615.85	592.6167	480.5833	1343.786743
########	812.6417	615.6583	592.95	481.6083	1321.665894
########	812.9222	616.3666	593.3	480.8333	1247.319092
########	812.9667	615.8611	592.4833	481.65	1258.412231
########	812.7833	615.7167	592.75	482.3	1429.904907
########	812.9667	616.1833	593.1167	480.8667	1436.320923
########	813.2389	615.5333	593.0333	480.9833	1301.84082
########	812.9333	615.4917	592.5833	481.85	1283.747437
########	812.3167	616.2333	592.8842	480.992	1241.780029
########	813.3	615.6	592.5	481.2	1292.552612
########	813.7	615.2	592.5	481.9	1380.568481
########	812.55	617.7	592.7	481.9	1416.619751

########	812.9	615.2	593.2	481.2	1440.185669
########	812.6667	614.9846	592.6333	481.5	1426.480713
########	812.2	615.2	592.8	481.2	1426.480713
########	813.1667	615.75	592.1	481.5	
########	812.825	616.8364	592.7538	482.1364	
########	813.0667	616.3	592.4333	483	1374.84314
########	813.1	615.2	593.2	481.5	1399.696655
########	812.9	615.6	592.7	482.2333	1376.735107
########	813.1	615.2	592.8	482.6	1349.17688
########	812.9	615.9	592.8	482.2	1344.036743
########	812.6286	615.0286	592.5428	481.6143	1344.036743
########	812.6	615.6	592.3	481.9	1324.711548
########	813.1	614.5	593.2	482.2	1359.912964
########	814	615.75	592.5	483	1280.522583
########	813.3	614.8	592.7	481.9	1244.561401
########	814.4	614.1	593	481.5	1247.314453
########	813.85	613.4	591.2	481.9	1277.756226
########	813.7	615.2	592.5	483	1277.756226
########	814	615.6	592.3	483	1223.505249
########	814.0231	615.2	592.1	483.7	1394.784058
########	814.7333	614.75	592.1333	481.8	1457.607056
########	813.3	615.2	591.9	482.2	1428.937012
########	814.9166	613.8334	592	482.8167	1282.34436
########	815.075	615.65	592.7833	482.8667	1314.598267
########	813.3666	616.05	592.5833	483.0667	1347.549072
########	814.5167	614.6833	593.3417	483.7833	1347.549072
########	814.0667	615.6083	592.9083	482.7111	1375.746948
########	814.5667	616.8167	593.1334	482.1333	1460.980713
########	814.0667	616.7111	592.8666	481.9917	1449.497681
########	814.3333	616.85	593.1667	482.3333	1347.724976
########	815.4417	617.1667	593.7667	483.1167	1281.922729
########	814.6417	617.1833	593.7333	482.6333	1242.226563
########	814.4333	618.0389	593.8833	483.25	1245.174805
########	814.4667	617.1167	594.2167	483.2417	1236.798706
########	815.4083	617.0222	594.15	483.0667	1220.414551
########	814.3334	617.8334	593.8834	484.2167	1326.414185
########	815.7667	617.0458	594.7667	483.5461	1282.613037
########	812.3833	619.2333	593.7667	484.2167	1282.613037
########	811.5	618.55	593.7667	483.3667	1296.835571
########	813.0333	616.6	593.9667	483.1833	1392.877441
########	788.6666	620.0333	594.2333	483.05	1326.321167
########	822.05	618.3667	594.7333	483.3667	1201.157104
########	816.35	621.0667	594.5667	483.1833	1195.89917
########	816.35	620.6333	594.4	484.15	1290.290894
########	814.9737	614.0857	594.3286	484.0385	1290.290894
########	815.1667	620.0667	594.8	482.7167	1363.580322
########	816.1334	619.9333	595.0333	485.0667	1253.839233

########	816.2	619.5667	594.9	484.6833	1205.003784
########	809.4	619.8	595.0667	483.4667	1319.013794
########	814.4333	622.5	595.4	483.9333	1319.013794
########	815.6334	620.5333	595.7333	483.2333	1341.159912
########	810.0333	625.5333	595.4667	483.9333	
########	804.1333	620.9	595.4333	483.7444	
########	808.2667	623.7333	595.6666	483.6	1292.420166
########	814.8666	616.8666	594.9667	484.9333	1351.602295
########	798.5667	620.6667	594.6334	483.6	1272.845947
########	814.3666	622.5333	595.5333	484.95	1247.835327
########	825.7857	621.1714	595.1077	484.5714	1308.665527
########	810.95	621.75	595.5	484.5333	1357.805786
########	815.65	620.65	595.4	484.25	1329.208008
########	809.6334	620.5333	595.6222	485.1333	1225.053467
########	816.4	620.7	595.5	483.9	1210.231934
########	816.25	619.95	595.7	483.35	1282.458252
########	789.5834	616.45	595.95	484.65	1282.458252
########	807.1	621.55	594.75	483.5	1250.473267
########	812.55	620.45	596.15	484.25	1296.994385
########	815.85	618.5	595.9	485.35	1769.31189
########	821.75	620.15	594.85	483.9	1893.480957
########	815.7	621.2	595.2	485.15	2003.921265
########	793.4	621.75	595.5	484.525	1490.119995
########	816.05	620.7	595.8	483.875	1746.230835
########	807.45	630	595.575	485.55	1886.476196
########	815.65	620.15	595.65	485.55	1739.321411
########	814.4	619.95	596.05	484.8	1739.321411
########	816.05	619.75	595.7	487.55	1530.749146
########	816.6	621.25	595.6	484.95	1610.768677
########	822.65	620.15	595.15	484.65	1657.267944
########	817.15	618.7	597.15	483.35	1616.271362
########	819.35	629.3	596.15	484.6	1504.112915
########	814.4	619.05	596.05	478.95	1526.845947
########	820.65	627.8	596.075	483.9	1535.321411
########	813.1	623.25	596.15	484.6	1561.685669
########	812.2	625.725	596.25	485.55	1583.136353
########	831	621.7667	595.6	484.9333	1480.280151
########	815.1	619.9333	596.6	482.8667	1370.694702
########	815.9667	625.1	596.0333	483.4222	1370.694702
########	816.2333	622.8333	595.6666	484.6667	1244.361816
########	817.9333	628.6333	595.7111	484.7667	1167.219971
########	815	622.9667	596.6334	485.1333	1088.160889
########	820.7333	623.8333	596.7	487.4666	969.6654663
########	814.7667	609.1	595.8666	484.0333	1132.157715
########	827	622.2667	596.1666	485.0333	1162.709351
########	821.4667	621.1666	596.8333	484.7333	1116.926025
########	811.5	623.1	597.2333	484.6667	1133.066406

########	815.9	623.8666	596.3666	485.0333	1097.215576
########	814.6334	621.6667	597.0333	485.0667	1219.371704
########	816.7333	625.5667	596.3333	484.7667	1273.808228
########	815.7333	611.0333	596.7667	484.2	1273.808228
########	813.6334	625.2	596.8334	484.7	1273.808228
########	817.2	623.8666	596.6	486.1333	
########	816.2667	621.5333	597.0667	485.4	
########	815.7333	627.4	597.2333	485.0667	1210.74231
########	816.5	627.3666	596.4333	485.4	1140.273438
########	815.2167	622.7167	596.5834	480.2167	1154.899902
########	820.1833	624.6334	597.65	486.6	1209.417847
########	822.8667	620.5167	598.7667	485.3833	1265.966309
########	811.4333	624.25	596.7833	486.1667	1138.994507
########	817.1833	625.3666	596.7333	485.05	1070.595215
########	816.7167	632.7667	596.2167	486.05	1291.998169
########	819.6833	625.0333	596.95	484.5167	1367.19751
########	815.3167	619.6666	596.05	485.5	1347.482788
########	817.0667	624.8	596.7167	487.7667	1334.147339
########	818.5	626.65	596.6334	486.55	1301.222412
########	816.2667	635.8834	596.4333	485.8333	1326.186523
########	816.45	624.95	596.5167	485.75	1343.564575
########	815.5333	620.45	596.6667	485.0167	1356.277588
########	808.1333	623.9333	596.7667	485.8333	1315.828125
########	816.2916	625.1917	596.9833	486.5167	1261.284912
########	813.5834	622.95	596.2833	485.2667	1312.058472
########	824.45	625.2833	597.0667	486.2333	1319.766235
########	816.2611	623.9667	596.9266	484.2833	1284.41626
########	818.25	633.5333	596.0833	486.9778	
########	817.25	621.25	596.6417	486.0167	1338.895264
########	802.9333	624.8666	597	486.6667	1378.908813
########	806.7667	625.125	597.15	485.5667	1351.830566
########	809.6	635.7	596.8	486.3	1351.830566
########	816.4	630.9	597.05	487.4	1351.886597
########	817.3	624.7	596.9	486.3	1327.733154
########	816.6	631.7	596.7	487.7	1321.054443
########	818.1655	626.1279	596.2967	488.0942	1305.627808
########	818.0867	610.9767	596.9084	480.5167	1314.567261
########	809.7283	619.63	598.175	492.0267	1313.784058
########	815.5983	626.1633	596.905	487.3683	1298.112183
########	816.6125	592.3775	597.2017	485.2367	
########	817.005	615.3517	597.8083	485.4817	1231.857056
########	818.6166	622.9233	596.31	487.0067	1233.571167
########	817.7617	623.5941	597.1884	487.405	1266.355103
########	827.0967	626.1567	596.8017	486.2933	1303.336426
########	816.1417	626.2183	597.09	486.7967	1317.043091
########	813.0533	622.9733	596.3033	486.97	1311.303101
########	808.635	623.5933	596.6967	488.6342	1311.303101

########	818.395	626.1683	596.915	486.3233	1318.165405
########	818.2475	623.9817	596.9084	487.6767	1313.3479
########	817.38	625.0867	596.4883	488.0934	1333.601318
########	817.3317	624.41	596.7034	487.3933	1333.480347
########	818.0933	624.0183	597.975	487.4117	1350.687134
########	816.9442	624.3741	597.1984	487.695	1350.687134
########	828.9166	624.225	597.1083	487.0058	
########	806.6234	624.1467	596.8267	486.4835	
########	816.6183	625.0933	597.105	488.4933	1310.670776
########	817.1225	626.2366	597.235	487.0517	1334.993042
########	817.7733	624.5717	596.6633	482.8383	1311.817383
########	817.0275	624.1284	596.3734	490.34	1311.817383
########	817.0275	625.745	596.7367	487.645	1304.641357
########	816.7633	624.7428	597.0633	487.4033	1307.363037
########	817.2725	624.4467	596.6266	487.9717	1291.964355
########	817.1284	624.4984	596.0641	487.2533	1308.040894
########	816.6733	623.2733	596.2083	488.2983	1308.040894
########	816.8533	624.1284	596.8633	488.555	1309.850708
########	815.9642	623.475	596.465	487.455	1313.197266
########	817.055	623.0284	596.1733	487.645	1312.960938
########	817.0983	623.3467	596.1367	488.0267	1312.960938
########	816.4717	622.9276	596.3716	487.9717	1320.854492
########	816.48	624.98	596.38	487.94	1290.035645
########	816.47	623.48	596.195	487.315	1281.98584
########	816.46	623.86	596.385	488.3075	1271.609863
########	815.2466	623.9633	596.045	487.5225	1333.290161
########	816.2733	624.2967	596.1284	487.469	1317.216064
########	815.9817	624.2475	596.535	488.36	1307.21228
########	816.48	623.0925	595.71	487.4975	1315.728516
########	816.215	624.435	595.995	487.165	1315.728516
########	816.492	623.47	596.0025	487.7575	1339.331543
########	816.355	623.34	595.6349	487.84	1304.3479
########	816.3638	622.3625	595.265	488.43	1278.774902
########	816.095	621.385	595.53	486.74	1293.60498
########	815.9975	622.36	595.3175	487.7867	1312.78772
########	815.745	622.255	595.27	487.595	1304.293213
########	815.8134	621.7533	594.965	487.505	1263.655518
########	815.38	621.14	594.675	486.985	1299.358521
########	815.64	621.14	594.675	487.8725	1299.358521
########	816.0075	620.545	595.095	489.06	1356.968384
########	816.78	620.805	594.43	488.7037	1347.651123
########	816.465	620.16	594.335	487.505	1350.205811
########	816.53	620.865	594.41	488.22	1325.776733
########	815.965	619.34	594.2567	487.505	1306.860229
########	816.1475	619.915	594.44	488.22	1350.124023
########	816.46	620.285	594.17	487.645	1312.915649
########	815.955	619.32	594.43	488.23	1281.598755

########	816.46	619.8025	594.63	488.0125	1281.598755
########	816.4022	620.2033	594.1967	487.3383	1180.013428
########	816.5355	619.3692	594.565	489.575	1391.388672
########	815.9517	619.3158	593.9291	487.2067	1391.388672
########	815.7067	619.3933	593.9617	488.3067	1323.290894
########	816.3933	619.0067	593.955	487.7383	1210.832764
########	816.2383	619.3933	593.8483	487.8033	1210.832764
########	815.8617	620.3134	594.0275	487.9067	
########	816.045	619.2967	593.755	487.6517	
########	816.2383	618.9933	593.635	487.545	1405.206055
########	816.2617	619.3483	594.3683	488.8617	1287.755249
########	815.9404	619.03	593.6967	487.7383	1193.481689
########	816.3933	619.0683	593.865	488.1233	1193.481689
########	816.2383	618.6808	593.3933	487.7617	1441.037964
########	815.8383	618.7596	593.9383	489.525	1372.337402
########	816.045	618.6483	593.6417	487.725	1255.353516
########	815.6934	618.645	593.6967	487.8933	1247.210815
########	816.045	618.6183	593.5034	488.735	1340.223267
########	816.2383	619.0967	593.3933	488.2683	1286.73584
########	815.3066	618.6683	593.3259	488.6105	1286.73584
########	816.2383	618.33	593.2067	488.0356	1238.890137
########	815.8383	618.3779	593.5033	489.0683	1390.824707
########	815.9783	618.3217	593.4317	488.5783	1390.824707
########	815.9783	618.6875	593.4733	489.6033	1373.362061
########	816.4633	617.9244	593.815	488.0483	1299.588989
########	815.6594	618.7012	593.7366	488.5783	1324.588379
########	816.105	618.5783	593.2634	488.6975	1407.026123
########	815.7217	618.2466	593.0634	488.1517	1449.213867
########	816.1525	617.495	593.3466	488.2467	1449.213867
########	816.5366	617.605	592.785	488.2267	1372.40564
########	815.2266	618.4517	593.6178	489.3267	1350.728882
########	816.2516	618.1241	593.5267	488.705	1350.728882
########	815.995	617.625	592.9366	488.9267	1367.552368
########	815.7217	617.8433	593.2734	489.6783	1279.153931
########	816.1217	617.0634	593.4633	488.8758	1237.435547
########	816.0025	616.5217	592.6075	489.125	1237.435547
########	816.3267	617.1266	593.1367	488.9367	1356.469238
########	816.4733	618.2625	593.3545	487.9733	1437.692993
########	815.6467	617.2312	593.1266	488.9267	1437.692993
########	816.1525	616.7783	592.7217	489.2517	1348.254883
########	815.8367	617.5975	593.1683	489.3467	1242.069702
########	815.2433	616.3783	593.1783	488.9783	1314.919434
########	815.9783	616.7433	592.5475	488.705	1292.266602
########	816.0975	617.2258	592.905	489.0533	1289.010132
########	815.9438	617.1086	592.9366	489.695	1319.537842
########	816.3025	616.72	593.1325	489.855	1352.586914
########	816.3978	616.6333	592.5767	488.4467	1303.238403

########	816.5466	616.56	592.83	488.2733	1303.238403
########	816.16	616.9467	592.74	488.74	1228.495117
########	816.1067	617.44	592.5167	488.9066	1272.390625
########	815.2067	616.5067	592.6967	489.2534	1288.424561
########	815.7844	616.14	593.1733	489.62	1288.424561
########	815.5933	616.2466	592.3933	488.2467	1309.342773
########	815.5533	616.5067	592.4733	489.2533	1250.307617
########	815.3533	616.1	592.8267	489.0489	1250.307617
########	815.1533	616.5645	592.7567	488.4467	1325.657471
########	816.36	616.5067	592.54	489.7533	1325.657471
########	816.1067	616.34	592.6733	489.4267	1259.386597
########	815.5533	617.2	592.3666	488.6467	1200.681519
########	815.2067	615.8022	592.4733	489.1467	1382.745117
########	815.8033	616.32	592.42	489.8533	1382.745117
########	816.5067	616.2867	592.3267	489.8267	1365.161499
########	816.2534	617.2534	592.5833	489.3734	1386.809326
########	815.8467	616.34	592.02	489.1067	1339.530518
########	816.04	615.6933	592.9333	490.2466	1299.695435
########	814.9467	615.9534	592.7333	489.64	1218.231812
########	816.2733	616.5645	592.5867	490.2511	1317.580078
########	815.5933	615.9933	592.2733	489.66	1344.124023
########	815.5933	615.9169	591.9534	489.6467	1361.371216
########	815.4867	616.6266	592.2167	489.61	1361.371216
########	815.5133	615.5617	592.7767	489.5867	1242.499878
########	815.5133	616.5275	592.5967	490.2883	1286.228271
########	816.195	615.2183	592.12	489.9044	1286.228271
########	816.3933	615.895	592.28	489.61	1341.108521
########	816.3378	615.6333	592.9933	490.2766	1234.141357
########	816.3378	616.5256	592.3066	489.755	1178.217651
########	815.91	615.9133	592.5067	490.65	1227.05603
########	816.1633	616.2617	592.1133	489.8766	1251.69104
########	815.8867	615.9045	592.5016	488.5367	1251.69104
########	816.19	615.6233	592.68	490.3133	1342.13501
########	815.8633	615.6233	591.9067	490.1317	1408.425049
########	815.5233	616.9767	592.2422	489.6234	1408.425049
########	816.3221	615.6646	591.9034	490.2867	1312.473267
########	815.965	616.2133	592.4133	490.3867	1267.563965
########	816.58	615.9109	591.94	489.885	1190.64917
########	816.58	616.55	592.31	489.92	1190.64917
########	815.88	616.09	592.975	490.965	1287.001953
########	816.1675	615.2433	592.52	490.34	1343.027222
########	816.135	616.3833	592.1433	490.3867	1239.458862
########	816.2783	615.5121	592.565	489.7517	1294.680908
########	815.6517	615.6617	592.2567	490.0733	1321.846313
########	816.2433	615.3517	592.1783	490.6133	1270.283813
########	815.6567	615.8675	592.0566	490.4517	1270.283813
########	816.4483	615.2758	591.7433	490.2133	1277.201172

########	816.4808	615.835	592.2783	490.0733	1294.052856
########	816.2867	615.4742	592.1783	490.5378	1294.052856
########	816.135	615.7516	591.9434	490.3433	1315.95459
########	815.965	615.6259	592.4567	490.6567	1429.299194
########	815.7383	615.3517	591.6216	490.8483	1426.900024
########	816.5711	615.6309	592.2133	490.6133	1319.699951
########	816.1675	615.4266	591.9434	490.6133	1253.253418
########	815.7267	615.5133	592.0566	490.0258	1253.253418
########	815.9758	615.5133	591.83	490.935	1188.381348
########	815.7742	615.6617	591.8217	490.935	1253.580811
########	816.5133	615.835	592.4567	490.6133	1253.580811
########	816.0483	615.665	591.9783	489.9867	1291.949707
########	816.0517	615.835	591.6541	490.2133	1277.768433
########	815.5933	614.9533	592.2233	490.9425	1199.475586
########	815.7767	615.6317	592.0233	491.1317	1199.475586
########	816.1683	615.5489	591.4683	490.9684	1225.111938
########	815.0158	616.196	591.634	490.492	1314.097656
########	815.6342	615.8158	591.8217	491.0772	1314.097656
########	815.7467	615.785	591.4767	491.1533	1301.683838
########	816.085	614.1934	591.6317	491.1217	1192.421509
########	816.015	615.2767	591.2767	490.8383	1222.922119
########	816.7533	613.69	591.2767	491.2467	1349.262573
########	816.085	615.0108	591.7916	490.9567	1349.262573
########	816.015	615.345	591.8533	491.1533	1304.819214
########	815.7875	614.8716	591.6873	491.7679	1381.242798
########	816.3022	615.4467	591.8425	491.5533	1299.25293
########	816.8467	615.1234	591.8317	490.885	1299.25293
########	817.115	615.3633	591.6383	490.9108	1286.625488
########	816.775	615.9083	591.8384	491.8317	1355.837769
########	816.3533	615.725	592.0217	492.2233	1355.837769
########	816.8467	616.1367	591.7767	492.0783	1278.316528
########	816.6766	616.415	592.33	491.915	1278.316528
########	816.6216	615.6575	592.5383	491.2108	1301.587036
########	816.3317	617.2783	592.5842	490.9783	1257.211304
########	817.115	616.5158	592.8083	491.5533	1192.596069
########	816.015	617.4584	592.7617	492.3467	1311.388062
########	816.38	617.22	592.855	491.09	1292.324585
########	816.985	617.605	592.865	492.0325	1381.927002
########	816.71	617.6875	592.7516	492.56	1381.927002
########	817.74	616.78	592.41	492.43	1281.928101
########	816.56	617.605	592.865	491.935	1328.264038
########	816.985	617.6663	592.6875	493.105	1304.347778
########	817.3975	617.5088	593.07	491.935	1327.284424
########	816.64	617.785	593.51	492.61	1327.284424
########	816.42	617.6325	593.105	492.81	1299.65979
########	816.78	617.565	593.11	492.885	1270.759521
########	817.6866	610.32	593.42	492.2933	1172.32251

########	816.53	617.895	593.445	492.72	1120.44165
########	820.63	620.575	593.855	492.595	1063.995361
########	822.925	619.09	593.735	492.81	1206.385864
########	824.755	619.6434	593.8225	493.065	1206.385864
########	817.315	617.495	593.42	492.185	1382.548828
########	818.8517	618.635	593.8362	493.035	1332.174561
########	814.935	617.5075	593.51	491.895	1208.100464
########	817.99	611.625	593.8416	492.995	1210.59314
########	817.08	622.02	594.21	493.065	
########	817.88	620.01	593.965	493.53	
########	815.54	619.515	593.855	492.075	
########	809.314	614.51	593.895	493.49	
########	814.045	619.875	594.1016	493.4617	1282.992065
########	817.725	619.3984	593.815	493.1283	1282.992065
########	819.225	619.0016	594.015	493.79	0
########	818.9133	618.8367	593.9417	492.31	0
########	817.5867	614.81	593.8283	491.4825	0
########	816.01	620.49	594.27	491.7367	0
########	818.2983	621.5466	594.0134	493.575	0
########	836.245	619.685	594.0433	492.8883	0
########	817.3967	618.61	594.6884	493.2883	0
########	820.2383	617.3367	594.8583	493.79	0
########	818.4633	600.3933	594.6791	493.4017	0
########	818.4883	621.1133	594.6434	493.2567	0
########	819.3716	615.31	594.2006	492.3267	0
########	816.315	619.8575	594.4434	493.2956	0
########	824.7	617.425	594.47	492.6383	0
########	828.9417	624.0516	594.5566	492.5083	0
########	818.29	625.7367	594.6717	493.9883	0
########	818.27	619.4546	594.83	493.3767	0
########	817.8134	623.2117	595.1133	493.4267	0
########	817.035	612.8379	595.6233	493.0367	0
########	817.1633	619.6816	595.165	497.0867	0
########	817.7316	621.225	594.4767	492.8533	0
########	818.0067	624.98	594.935	492.7567	0
########	818.0909	620.475	595.535	493.8158	0
########	820.6066	619.9067	591.6317	494.5217	0
########	821.9867	620.9825	594.4883	485.8583	0
########	818.7767	620.51	595.1708	493.3283	0
########	816.4167	620.9572	595.3184	495.4966	0
########	811.87	630.0634	595.1208	493.2239	0
########	812.535	618.31	594.37	493.9844	0
########	806.6583	620.2034	595.0933	491.2717	0
########	828.4283	617.6183	595.3767	493.6858	0
########	811.7734	627.1483	595.7767	495.1083	0
########	817.6533	621.8375	595.96	493.9383	0
########	818.3017	621.4875	594.5467	494.385	0

########	817.6183	621.8667	595.1517	494.595	0
########	818.3834	623.1183	595.2233	493.2933	0
########	819.1617	622.1383	594.6517	492.675	0
########	817.475	629.6167	595.235	493.0633	0
########	817.4283	622.4533	595.5883	493.1183	0
########	807.9366	623.2933	595.8817	493.5034	0
########	817.3467	621.61	594.205	496.3717	0
########	818.06	606.75	595.96	493.69	0
########	819.4125	622.52	596.48	498.48	0
########	817.34	622.465	596.285	493.24	0
########	817.5	622.48	595.41	492.955	0
########	816.705	623.075	595.79	495.0875	
########	817.34	618.7	596.13	492.915	
########	818.765	622.48	595.375	495.0325	0
########	818.3925	622.465	595.6349	494.265	0
########	818.205	621.855	595.89	494.285	0
########	818.765	625.53	595.8275	493.96	0
########	818.78	621.635	594.765	495.44	0
########	818.855	621.02	594.705	494.355	0
########	800.805	634.605	595.435	495.0875	0
########	820.9275	625.505	596.065	495.71	0
########	818.385	622.5175	595.62	493.98	0
########	818.0483	621.855	595.42	494.285	0
########	828.815	627.325	594.705	495.33	0
########	819.0233	621.9483	594.8864	495.165	0
########	825.15	621.4308	595.9133	494.375	0
########	823.6067	624.18	595.7567	494.4617	0
########	828.685	623.215	595.9916	489.13	0
########	827.0167	608.875	595.3567	495.8758	0
########	818.875	621.4867	595.0783	494.1517	0
########	806.265	623.8334	595.005	491.9267	0
########	817.8517	621.5634	594.765	498.58	0
########	819.0383	621.5616	594.9783	495.3675	0
########	822.5967	609.8884	594.7217	494.2233	0
########	819.3125	621.3206	594.4133	496.1567	0
########	822.8817	629.855	595.135	497.8333	0
########	818.5616	622.1151	595.0517	495.2633	0
########	819.3483	622.3367	596.035	493.9344	0
########	817.8517	620.4517	596.1917	494.6133	0
########	817.1729	622.7238	594.9325	494.5424	0
########	818.1656	600.9328	595.1541	494.5525	0
########	820.1133	621.87	594.97	495.12	0
########	801.61	601.61	594.4533	495.2367	0
########	818.4933	623.9667	594.8533	494.3933	0
########	821.51	621.68	595.218	495.4933	0
########	818.12	620.6067	595.5067	494.7933	0
########	816.5767	621.4312	595.19	495.4933	0

########	808.9429	621.7228	594.8314	495.2695	0
########	822.06	622.24	594.84	493.78	0
########	818.12	620.22	594.38	494.12	0
########	825.14	619.82	595.02	495.84	0
########	815.8	613.02	594.58	494.56	0
########	818.52	620.58	594.1933	495.31	0
########	818.96	621.36	594.38	495.54	0
########	818.3	619.81	594.06	495.26	0
########	818.44	616.78	593.82	495.82	0
########	821.74	617.16	594.02	495.2	0
########	818.38	620.18	593.965	496.08	0
########	822.6	620.1	594.14	496.06	0
########	826.2	617.22	593.63	496.08	
########	800.26	618.82	593.08	494.24	
########	818.73	618.52	593.32	495.52	0
########	817.08	619.86	593.78	495.58	0
########	816.64	619.24	594.46	495.4733	0
########	818.14	626.64	594.38	494.72	0
########	818.72	619.4	594.06	495.3	0
########	818.31	629.52	594	495.96	0
########	822.38	619.42	593.48	496.54	0
########	821.236	619.052	594.876	495.416	0
########	817.9	608.96	594.42	495.54	0
########	816.76	620.44	594.36	494.78	0
########	817.42	619.28	593.86	494.98	0
########	817.17	619.0483	593.56	495.5108	0
########	817.6467	619.0267	593.93	496.1033	0
########	817.17	618.8967	593.4867	495.5733	0
########	818.2484	617.85	593.4266	495.2983	0
########	817.7533	617.9866	593.6266	496.5967	0
########	817.8733	617.57	593.3134	496.7678	0
########	816.9033	617.53	593.2867	496.45	0
########	818.6267	617.1733	592.83	496.33	0
########	816.8267	617.8734	592.96	495.72	0
########	817.3967	618.0467	593.99	495.6483	0
########	817.3033	618.2733	592.9833	495.3078	0
########	818.0967	617.2233	593.8833	495.4655	0
########	817.0616	617.9266	593.0267	494.9267	0
########	817.5267	618.63	593.2867	495.5733	0
########	816.6793	616.51	592.8967	495.55	0
########	816.7133	617.3655	592.9711	496.1967	0
########	817.3967	617.9266	592.8867	496.33	0
########	817.13	616.9467	592.6567	495.8433	0
########	817.5933	616.1824	593.0515	495.6971	0
########	817.8867	616.2466	593.0933	495.9867	0
########	816.7866	617.4333	592.9467	495.2867	0
########	816.9644	615.5734	592.8533	496.7933	0

########	816.7067	616.41	592.78	495.9067	0
########	816.7511	616.38	592.4067	495.6933	0
########	817.22	615.5734	592.4333	495.18	0
########	816.8933	617.1067	592.72	495.6933	0
########	817.19	616.5067	592.3533	495.1	0
########	816.9644	615.8666	592.6467	495.5034	0
########	816.8933	615.86	592.5734	495.6933	0
########	816.8933	616.0867	592.8334	497.52	0
########	816.6533	616.7067	592.4866	496.1467	0
########	816.8533	615.4933	592.0466	494.9967	0
########	816.2978	615.68	592.6467	496.1022	0
########	816.6356	616.0867	592.6666	496.0934	0
########	816.6533	615.68	592.2067	494.8613	0
########	816.3067	615.6067	592.3533	496.42	0
########	816.4311	616.1934	592.3734	495.4978	0
########	816.7067	615.68	592.3533	494.9933	0
########	816.4366	615.0133	592.1844	494.8867	0
########	816.3066	615.2467	592.2466	496.6067	0
########	816.8176	614.57	592.4261	497.2086	0
########	816.24	615.49	592.14	496.58	0
########	816.688	614.84	592.46	496.235	0
########	816.24	614.61	592.34	496.01	0
########	816.96	615.52	591.92	497.53	0
########	816.24	614.595	591.65	495.87	0
########	816.7633	615.49	592.14	496.97	0
########	817.1522	614.77	591.65	497.22	0
########	816.96	614.57	592.08	497.215	0
########	816.98	614.9467	592.05	495.48	0
########	816.445	615.83	591.4301	496.54	0
########	816.24	614.14	591.74	496.27	0
########	816.3267	614.42	591.83	496.16	0
########	816.4533	613.51	591.27	495.84	0
########	816.6133	614.84	591.74	496.145	0
########	817.59	614.53	591.87	496.54	0
########	816.48	614.42	591.59	496.83	0
########	816.22	614.77	591.27	496.79	0
########	816.848	614.17	591.69	496.52	0
########	816.2123	615.1661	591.4114	495.8232	0
########	816.9733	614.51	591.74	496.8533	0
########	816.3867	614.0733	591.74	496.22	0
########	816.5867	614.4467	591.62	495.8233	0
########	816.4453	614.4467	591.6066	496.2467	0
########	815.9733	614.78	591.3067	496.4533	0
########	816.6266	614.2133	591.2133	496.5267	0
########	816.8578	613.68	591.68	496.8867	0
########	816.9733	614.1266	591.0267	495.8367	0
########	816.3867	614.64	591.42	496.8867	0

########	816.9467	614.1266	591.1733	497.1133	0
########	816.5733	613.7733	591.0133	495.8267	0
########	816.9733	614.3177	591.2267	496.5267	0
########	816.7867	613.4467	591.64	497.88	0
########	816.8133	613.42	591.3867	496.8267	0
########	816.5533	613.4933	591.6066	497.2466	0
########	816.6266	612.3833	591.1934	497.2267	0
########	816.4067	613.98	591.4133	497.2733	0
########	816.2133	614.1467	591.1867	497.2466	0
########	816.5733	613.7267	591.3867	497.2267	0
########	816.7867	613.6934	591.2266	496.9467	0
########	816.9467	613.0367	591.4133	497.2733	0
########	816.8622	612.9733	591.0133	497.2733	0
########	817.0511	613.68	591.0711	495.4733	0
########	816.7767	613.8867	590.94	496.0566	0
########	816.6933	614.15	591.1533	496.8567	0
########	816.6816	613.5717	590.73	497.0789	0
########	816.2311	614.2533	591.2711	497.0633	0
########	816.2986	613.5789	591.2933	497.4867	0
########	816.8766	612.7767	591.1067	497.485	0
########	816.2933	612.8566	591.26	497.3433	0
########	816.7633	614.3134	591.0933	497.2067	0
########	816.6933	612.4366	590.9533	497.075	0
########	816.5067	613.1133	590.8766	497.8367	0
########	816.4533	613.5634	590.5233	497.4633	0
########	816.2995	612.335	591.1067	497.53	0
########	816.2933	612.95	590.79	496.6867	0
########	816.1878	612.4633	591.3067	497.2067	0
########	816.2311	612.8567	590.7533	497.65	0
########	816.5067	613.0933	590.5767	497.53	0
########	816.2187	612.25	590.9767	497.2733	0
########	816.3234	613.1434	590.7178	496.7567	0
########	816.2933	612.8467	590.6766	496.4567	0
########	816.6467	612.3522	590.9067	496.3633	0
########	816.3644	612.3433	590.4533	496.9933	0
########	816.9689	612.7767	590.3583	497.9067	0
########	816.4211	612.8716	591.1183	498.4434	0
########	816.516	612.56	590.3686	497.54	0
########	816.32	612.18	590.64	496.66	0
########	816.32	612.48	590.4	497.18	0
########	816.44	612.1	590.68	497.42	0
########	816.3867	612.34	590.26	497.34	0
########	816.56	612.18	590.74	497.76	0
########	816.2534	613.07	590.68	498.08	0
########	816.3666	612.7958	589.9833	497.475	0
########	816.4333	612.0667	590.5917	497.1333	0
########	816.4833	612.8833	590.3361	497.8333	0

########	816.4333	612.8639	590.3333	497.7083	0
########	816.4333	612.5417	590.3417	498.0875	0
########	816.5333	612.5042	590.3875	497.8333	0
########	816.3083	612.425	590.0667	497.3083	0
########	816.7667	612.5139	590.625	498.2833	0
########	816.7667	612.5042	590.5583	498.0667	0
########	816.8619	611.6528	590.4958	497.9417	0
########	816.2833	612.5917	590.3875	498.2333	0
########	816.9167	612.2917	590.3312	497.8833	0
########	816.3167	612.2792	590.7167	498.0583	0
########	817.0083	612.425	590.425	498.2833	0
########	816.7667	612.9333	590.4042	498.3222	0
########	816.3889	612.7167	590.5416	497.6875	0
########	817.4083	612.5416	590.7416	497.7583	0
########	816.6555	611.9833	590.0667	497.7583	0
########	817.125	612.5417	590.3083	497.7583	
########	816.7889	612.375	590.5292	497.5917	
########	816.8417	612.475	590.2167	497.7667	0
########	816.7667	613.0667	590.425	498.575	0
########	816.4111	612.5917	590.2167	498.6417	0
########	816.1917	612.5416	590.1334	498.2417	0
########	816.3666	611.7631	590.1833	497.7667	0
########	816.5333	612.3083	590.3834	497.6833	0
########	816.3667	612.6833	590.425	498.7834	0
########	816.4067	612.5375	590.0333	498.625	0
########	817.0583	612.1334	589.9111	497.9333	
########	817.125	612.3083	590.3917	499.0125	0
########	817.5333	612.8979	590.1833	499.0222	0
########	816.3667	612.1334	590.05	499.675	0
########	816.5333	613.2333	590.3417	498.1667	0
########	817.175	612.1334	589.9833	499.1583	0
########	817.938	611.475	590.0428	498.0947	0
########	816.85	612.325	590.075	498.125	0
########	817.6	612.475	590.375	497.7125	0
########	816.775	612.825	590.525	499.125	0
########	817.4	612.525	590.625	498.625	0
########	816.8625	611.75	590.125	499.335	0
########	817.0563	612.9875	590.5375	499.275	0
########	816.3	612.9562	590.35	498.75	0
########	816.9	613.525	590.3	498.9	0
########	816.3	613.425	590.475	498.925	0
########	817.6	612.875	590.575	500.4	0
########	816.4	611.8	590.225	499.35	0
########	817.225	612.475	590.275	499.45	0
########	816.8	613.3	590.425	498.65	0
########	817.2125	612.5875	590.3625	498.375	0
########	817.325	612.65	590.15	498.85	0

########	816.475	612.7667	590.35	498.2625	0
########	818.05	611.7375	591.025	499.7625	0
########	817.2468	613.3083	590.25	497.6917	0
########	817.0583	612.6118	590.3091	498.55	0
########	817.6	612.875	590.35	499.4333	0
########	817.4	612.475	590.3083	498.9333	0
########	818.0083	611.625	589.7667	498.0323	0
########	816.7667	612.875	590.45	498.675	0
########	816.8961	612.8307	590.7571	499.4368	0
########	816.6333	613.7333	590.5083	499.1333	0
########	817.3083	612.575	590.775	500.1083	0
########	816.6583	613.3083	590.3125	500.1083	0
########	816.7042	612.9833	590.2833	499.5917	0
########	817.6667	611.9333	589.9333	499.7875	0
########	818.0833	612.6333	590.2083	498.9167	0
########	817.4583	613.675	590.5695	499.7417	0
########	818.0583	613.1042	590.5416	499.7417	
########	817.025	614.4667	590.5917	500.075	
########	817.0583	612.6666	591.1667	499.0667	0
########	816.6583	615.075	590.65	499.1167	0
########	817.5167	614.3417	591.1833	500.1667	0
########	817.4833	612.7583	590.775	499.8333	0
########	816.725	612.9667	590.4833	499.8667	0
########	817.025	613.425	590.525	500.5667	0
########	819.1083	611.9584	590.0416	500.1833	0
########	819.4417	610.9833	590.4846	499.1333	0
########	823.6875	611.9917	590.575	500.4875	0
########	817.4583	613.675	591.5333	499.8917	0
########	817.6667	613.4584	591.3667	500.475	0
########	817.425	613.0333	590.8917	500.1417	0
########	815.35	612.325	590.9583	499.8208	0
########	821.4584	616.7917	590.7833	501.6667	0
########	821.7	608.8417	590.1583	500.9333	0
########	819.5209	614.9584	590.9667	501.6083	0
########	819.4875	613.8834	590.3167	499.925	0
########	816.3834	618.0416	592.2667	499.1583	0
########	815.7167	618.3167	592.7583	499.2042	0
########	817.3666	620.45	592.7916	499.8333	0
########	817.425	615.5333	591.0333	500.5083	0
########	820.6917	615.1667	591.1667	499.5458	0
########	824.45	616.8167	591.6083	499.8333	0
########	818.7667	616.9417	591.3667	500.1667	0
########	795.6083	610.5834	590.9833	500.2333	0
########	811.6833	613.425	592.0833	499.1917	0
########	827.5083	605.3583	591.2417	503.4417	0
########	817.15	614.65	591.2417	499.6167	0
########	820.9667	613.9167	591.1083	501.2708	0

########	820.05	612.725	591.2167	501.6375	0
########	816.325	617.525	592.2458	499.7542	0
########	819.1143	618.2643	591.2072	500.6	0
########	818.425	617.4	592.125	501	0
########	818.325	612.25	591.975	501.425	0
########	818.5	612.05	592.45	501.025	0
########	821.3	615.475	591.85	500.05	0
########	818.225	616.275	591.225	497.525	0
########	828.075	614.25	592.35	500.95	0
########	818.175	616.075	592.225	501.5125	0
########	818.675	614.825	591.5125	501.225	0
########	821.35	611.925	592.075	500.825	0
########	817.8	617.2625	592.425	499.2	0
########	817.575	616.65	592.375	499.15	0
########	825.475	625.6	592.35	501.475	0
########	817.9	616.85	593.1375	500.0333	0
########	817.975	613.85	592.075	500.225	
########	818.05	626.725	592.25	500.05	
########	817.35	612.7	591.825	501	
########	818.325	613.55	591.675	499.825	0
########	818.325	614.75	590.85	502.1	0
########	819.825	614.375	590.95	501.275	0
########	811.1583	613.9333	591.2333	501.825	0
########	822.2333	612.1	591.525	500.4	0
########	817.8666	616.7667	592.7417	500.7542	0
########	816.8917	616.8833	592.3833	504.1	0
########	819.0167	614.1583	591.8083	500.9583	0
########	818.7416	615.25	590.85	505.2667	0
########	818.6833	616.0917	591.8083	502.8833	0
########	817.5333	609.8333	592.2667	502.2667	
########	818.7416	615.7833	592.0333	500.1583	0
########	816.2333	626.15	592.2333	503.4666	0
########	812.9333	613.9	592.475	501.7958	0
########	814.425	614.0917	592.4458	501.7167	0
########	818.6167	625.3583	592.7958	500.725	0
########	819.0167	610.975	591.6917	501.0083	0
########	808.0667	626.3917	591.6417	500.15	0
########	839.1	621.0583	591.95	502.8583	0
########	819.1167	615.775	592.5583	501.3583	0
########	817.9292	619.5167	592.3417	502.35	0
########	817.125	621.9083	592.6417	496.5083	0
########	801.6583	616.5125	592.45	500.775	0
########	818.3722	617.5167	592.4167	500.6083	0
########	818.7333	616.1917	592.575	501.25	0
########	819.15	616.775	592.5417	499.7292	0
########	816.9933	621.0133	592.5433	501.3533	0
########	817.44	614.94	592.72	501.6467	0

########	817.46	615	592.06	502.12	0
########	818.42	615	591.68	502.78	0
########	818.72	614.38	591.9	502.36	0
########	818.68	615.46	591.44	501.9	0
########	811.36	609.08	591.4	502.12	0
########	818.56	614.74	591.74	502.26	0
########	824.64	615.48	591.12	501.84	0
########	818.66	614.08	590.9	502.28	0
########	818.42	616.14	591.24	502.89	0
########	819.98	615.44	590.78	504.12	0
########	819.38	614.68	591.08	501.91	0
########	818.84	617.98	591.32	502.96	0
########	814.46	611.7	590.84	503.46	0
########	820.58	620.9	591.64	496.6	0
########	823.6914	623.6829	591.86	502.18	0
########	818.72	596.5	591.8	501.88	0
########	817.7	634.52	591.64	501.9	0
########	819.46	614.6	592.44	502.66	0
########	818.9231	613.26	592.06	501.74	
########	836.5767	613.6967	592.765	501.965	
########	822.6167	563.1267	592.15	503.78	0
########	818.6367	603.51	591.2933	502.9675	0
########	821.9767	612.4567	591.555	502.5283	0
########	818.33	614.4067	591.5834	502.0933	0
########	819.0566	613.9567	591.6383	503.0067	0
########	819.4158	615.4133	591.5067	501.9567	0
########	819.1733	609.74	591.67	501.8633	0
########	821.6733	613.7933	591.7467	503.3367	0
########	818.85	614.6633	591.5533	502.1933	0
########	819.1533	614.8933	591.2233	502.1867	0
########	817.8633	615.83	592.0533	502.2567	0
########	818.2367	615.6816	591.3633	502.2467	0
########	818.2717	615.2467	591.53	502.4933	0
########	818.7067	615.1066	591.5834	502.814	0
########	818.6467	614.5217	591.47	502.8433	0
########	818.7183	615.2466	591.3067	502.2367	0
########	818.2367	613.5133	591.5233	502.6567	0
########	818.1434	615.2933	591.63	502.2567	0
########	818.3767	614.1233	591.2267	503.5267	0
########	818.8267	614.4733	591.3867	503.7733	0
########	817.3291	614.6254	591.416	502.824	0
########	819.3367	614.57	591.49	503.3467	0
########	818.18	613.76	590.9866	502.4933	0
########	818.12	614.1133	591.1867	502.7733	0
########	818.0466	613.68	591.8533	503.4633	0
########	818.0867	612.7266	591.5867	502.0367	0
########	817.3177	614.4267	591.8533	503.08	0

########	818.3067	614.1266	590.8133	501.72	0
########	817.5133	613.7578	590.6133	503.4533	0
########	817.7467	612.9767	590.8066	502.4733	0
########	818.38	612.9922	591.34	503.0634	0
########	818.1467	612.4089	590.5467	502.4267	0
########	818.38	612.5267	590.5034	503.5267	0
########	818.0466	612.2733	590.7667	502.0733	0
########	817.4867	612.9533	590.7067	502.2489	0
########	817.3267	613.98	590.5533	503.4267	0
########	818.1933	612.3233	590.5933	503.7733	0
########	819.1	611.4178	590.3133	504.5267	0
########	817.6266	612.32	590.1133	503.8	0
########	817.3267	611.9467	590.28	502.0244	0
########	817.51	611.58	589.94	502.44	0
########	818.13	612.22	589.74	501.88	0
########	817.72	611.54	589.96	502.87	0
########	817.34	611.72	590.78	502.99	0
########	817.11	611.585	589.56	503.0175	0
########	817.63	611.54	590.14	502.83	0
########	818.26	612.26	589.52	503.39	
########	816.71	612.46	590.12	502.435	
########	818.02	611.27	590.08	502.58	0
########	817.165	611.54	589.72	503.79	0
########	817.66	611.16	590.55	503.86	0
########	817.015	611.31	589.72	503.14	0
########	817.18	611.02	589.74	503.085	0
########	817.07	610.84	589.67	503.465	0
########	817.355	611.16	589.495	502.15	0
########	818.06	610.485	589.45	502.76	0
########	818.02	610.76	590.01	502.87	0
########	817.66	609.88	589.88	503.03	0
########	817.07	610.44	589.67	502.55	0
########	817.015	610.87	589.6266	502.935	0
########	818.02	612.19	589.545	503.43	0
########	817.34	610.44	589.45	503.845	0
########	817.59	610.4025	589.215	504.56	0
########	818.02	610.51	589.51	503.45	0
########	817.8867	610.6133	589.6467	503.02	0
########	817.08	610.5067	589.2845	503.02	0
########	816.7067	610.6133	589.39	502.8067	0
########	816.8933	609.8467	589.7933	503.2067	0
########	817.11	609.4467	589.0533	503.7967	0
########	816.8933	609.8066	589.4733	503.0933	0
########	817.04	609.5133	589.4267	502.8	0
########	817.1866	609.5133	589.66	503.6067	0
########	816.7067	609.5933	589.6067	502.9867	0
########	817.08	609.9933	589.5334	503.6067	0

########	816.7866	609.5933	588.76	503.9067	0
########	817.4311	609.5134	589.5134	503.98	0
########	817.1133	610.7355	589.7134	503.0933	0
########	817.3771	609.5231	589.5972	503.7031	0
########	817.6183	609.3267	588.9633	503.7567	0
########	817.6783	609.23	589.0933	503.4067	0
########	817.0817	610.17	589.1166	502.61	0
########	817.4866	610.7067	589.03	503.7784	0
########	817.6067	609.8284	588.9633	502.9367	0
########	817.115	609.875	589.3067	504.4367	0
########	817.3933	609.7817	589.0933	504.25	0
########	817.9133	609.3933	589.1533	504.9067	0
########	817.8644	609.8533	588.6166	504.3433	0
########	817.3933	610.2633	588.6833	503.1933	0
########	817.1367	608.7789	588.8822	504.1456	0
########	818.45	609.75	588.8834	503.5933	0
########	817.1234	610.135	588.9489	503.4067	0
########	817.5367	609.9158	588.94	503.45	0
########	817.8533	610.33	588.8933	503.2867	0
########	817.2233	610.7567	589.1067	503.97	0
########	818.0067	610.2367	589.1234	503.9434	
########	817.0433	609.8433	588.8933	505.0316	
########	818.0233	609.6066	589.26	502.87	0
########	817.3933	609.6533	588.57	504.3533	0
########	816.8566	608.4108	589.1533	504.5067	0
########	817.185	609.5356	589.3533	504.13	0
########	817.23	609.9716	588.4033	504.8683	0
########	817.2183	608.9533	588.8367	504.4587	0
########	816.6467	609.8633	589.1178	503.1266	0
########	816.7633	609.1367	589.3533	503.6633	0
########	817.23	609.5367	588.605	504.2933	0
########	817.4866	610.38	588.5233	504.6767	0
########	817.23	609.6067	588.73	504.5067	0
########	817.4283	609.5367	588.8766	505.0433	0
########	817.5211	608.2267	588.57	504.4367	0
########	817.115	609.6783	588.71	503.7683	0
########	817.5133	608.65	588.7867	504.55	0
########	817.2533	609.3734	589.1844	503.8466	0
########	817.6705	609.06	588.4633	503.2867	0
########	817.7267	609.0867	588.9733	504.2267	0
########	817.0244	608.9911	588.6222	504.9467	0
########	816.6266	609.2267	588.66	504.2267	0
########	817.2828	608.0258	588.3875	503.2925	0
########	818.0983	608.2017	588.5997	505.2518	0
########	817.9692	608.3307	588.5831	505.026	0
########	817.8402	608.4598	588.5664	504.8002	0
########	817.7112	608.5888	588.5497	504.5744	0

########	817.5822	608.7178	588.5331	504.3486	0
########	817.4531	608.8469	588.5164	504.1228	0
########	817.3241	608.9759	588.4733	503.9366	0
########	817.6825	609.68	587.935	504.495	0
########	817.68	608.655	588.785	504.98	0
########	816.6183	608.6175	588.1349	505.285	0
########	817.0117	608.565	588.48	504.2325	0
########	817.055	608.205	588.48	505.645	0
########	816.6349	608.21	588.49	504.9325	0
########	817.0004	608.2003	588.1056	505.0006	0
########	817.0421	608.233	588.1321	505.0661	0
########	817.0837	608.2657	588.1588	505.1315	0
########	817.1253	608.2985	588.1854	505.1969	0
########	817.1669	608.3312	588.212	505.2623	0
########	817.2086	608.3639	588.2386	505.3277	0
########	817.2502	608.3965	588.2652	505.3931	0
########	817.2918	608.4293	588.2917	505.4585	0
########	817.3334	608.462	588.3184	505.524	0
########	817.3751	608.4947	588.345	505.5894	0
########	817.4167	608.5274	588.3716	505.6548	0
########	817.4583	608.5601	588.3982	505.7202	0
########	817.4999	608.5928	588.4248	505.7856	0
########	817.5416	608.6255	588.4514	505.851	0
########	817.5832	608.6582	588.478	505.9164	0
########	817.6248	608.6909	588.5046	505.9818	0
########	817.6664	608.7236	588.5312	506.0472	0
########	817.7081	608.7563	588.5578	506.1126	0
########	817.7497	608.789	588.5844	506.1781	0
########	817.7913	608.8217	588.611	506.2435	0
########	817.8329	608.8544	588.6376	506.3089	0
########	817.8746	608.8871	588.6642	506.3743	0
########	817.9162	608.9199	588.6908	506.4397	0
########	817.9578	608.9526	588.7174	506.5051	0
########	817.9995	608.9852	588.744	506.5705	0
########	818.0411	609.0179	588.7706	506.636	0
########	818.0827	609.0507	588.7972	506.7014	0
########	818.1243	609.0834	588.8238	506.7668	0
########	818.166	609.1161	588.8504	506.8322	0
########	818.2076	609.1488	588.877	506.8976	0
########	818.2492	609.1815	588.9036	506.963	0
########	818.2908	609.2142	588.9302	507.0284	0
########	818.3325	609.2469	588.9568	507.0938	0
########	818.3741	609.2796	588.9834	507.1592	0
########	819.4359	607.9817	588.3408	505.9142	0
########	818.8467	608.2467	588.2489	506.3429	0
########	817.8284	609.0408	588.7767	506.6717	0
########	818.2717	609.1633	588.895	505.5978	0

########	818.8467	608.9533	589.33	505.7467	0
########	817.8284	610.2325	589.0583	505.7642	0
########	818.4704	609.035	588.9533	505.7817	0
########	818.4467	611.0717	589.295	504.775	0
########	817.875	610.2325	588.9533	505.0817	0
########	818.6362	610.2898	589.4609	505.7853	0
########	818.9402	610.1479	589.5666	505.9332	0
########	819.2443	610.006	589.6722	506.0811	0
########	819.5483	609.8641	589.7778	506.2289	0
########	819.8524	609.7222	589.8835	506.3768	0
########	819.3716	608.375	589.4417	506.365	0
########	821.1467	604.6117	589.6434	505.8983	0
########	819.0566	609.2317	589.6133	506.2075	0
########	807.9366	612.8784	589.615	507.2263	0
########	818.1375	612.335	589.665	505.7817	0
########	832.45	609.5217	589.4883	507.0061	0
########	820.0433	609.7817	589.7467	507.4183	0
########	818.5283	612.8716	589.8708	506.4467	0
########	819.555	611.7217	589.9817	506.2283	0
########	820.2067	609.8284	589.0233	506.7533	0
########	832.3567	615.97	589.5467	507.3633	0
########	815.6833	612.41	589.1984	508.0133	0
########	817.9866	612.2117	589.1417	505.725	0
########	818.6267	610.4117	590.3867	506.3575	0
########	818.8433	606.7366	590.2717	507.0994	0
########	819.1383	609.4133	590.0433	506.21	0
########	813.065	616.7433	590.4883	507.1058	0
########	820.645	624.3983	590.5717	507.0961	0
########	819.285	609.5383	590.2133	507.285	0
########	819.555	610.99	590.2416	507.875	0
########	820.1866	610.9733	589.9283	507.0567	0
########	820.0134	611.9883	590.1567	506.9733	0
########	820.515	617.27	589.6711	506.6866	0
########	817.1533	612.655	589.655	506.6267	0
########	815.545	615.3984	590.6566	506.4117	0
########	820.4984	611.0867	590.2433	507.7867	0
########	819.45	617.8066	589.615	507.3017	0
########	821.7117	613.0516	590.1289	508.5504	0
########	819.8434	609.935	590.0983	507.4575	0
########	825.965	616.9583	591.03	507.3017	0
########	819.5883	613.9617	591.0016	507.7017	0
########	818.3566	603.9584	591.2567	508.9117	465.5656128
########	818.9786	622.187	590.6824	507.47	465.5656128
########	819.11	612.325	590.505	506.415	434.6915588
########	818.87	615.115	591.565	507.805	
########	820.105	612.96	591.18	508.08	375.336731
########	819.335	614.25	590.415	508.0575	375.336731

########	820.615	615.585	591.11	507.94	380.4725037
########	807.895	612.89	591.355	508.805	375.4549561
########	821.385	611.72	591.11	507.625	372.1943359
########	820.685	615.27	590.685	509.425	372.1943359
########	810.3134	614.32	590.91	508.2025	423.9677429
########	835.59	609.04	590.6125	508.985	422.5620422
########	819.79	596.57	591.31	507.61	422.5620422
########	819.625	614.745	590.93	506.49	424.5845642
########	825.7	612.67	590.82	508.435	425.5823364
########	826.045	619.365	591.49	507.61	425.5823364
########	820.78	607.17	589.81	507.61	427.4547729
########	821.4	613.785	590.545	507.295	428.896698
########	821.92	607.25	590.23	509.41	373.6050415
########	817.6066	623.675	590.8766	507.315	373.6050415
########	822.808	614.624	590.662	508.76	425.3302917
########	819.97	616.23	589.845	508.78	424.1663818
########	822.815	616.23	591.645	508.0575	423.2381287
########	821.015	615.72	592.34	506.265	424.3725586
########	819.9628	616.1743	592.745	506.305	424.3725586
########	826.94	613.585	591.6683	507.6533	427.0163574
########	821.9133	612.15	591.5233	508.7633	428.6838684
########	820.1783	614.7783	591.7767	507.7367	428.6838684
########	819.5717	606.6033	592.27	507.2216	380.6989136
########	814.31	614.3583	590.6083	509.6234	
########	821.7617	614.4283	590.485	509.7933	
########	819.6533	612.7533	590.5383	508.76	373.5077209
########	828.4617	613.9567	591.055	508.0233	373.0644226
########	813.1633	608.415	590.2916	508.8683	373.0644226
########	813.5483	613.9367	590.6766	508.9167	375.2256165
########	820.2283	615.2933	591.5275	507.2317	377.6807251
########	819.12	612.0767	590.645	509.29	379.1408081
########	824.3633	614.3158	591.5616	502.5933	379.868927
########	818.7167	615.8667	590.5784	509.7216	379.868927
########	815.93	615.54	591.1225	508.19	376.8249512
########	825.0083	613.9467	591.8589	508.7633	377.3666077
########	820.3217	612.99	591.5084	508.425	377.3666077
########	820.9067	615.1884	591.4467	509.595	377.5491943
########	816.3934	617.2892	591.5566	509.5483	371.0488586
########	803.9933	615.5133	590.9783	508.4517	372.8678589
########	813.56	613.165	591.1309	509.8633	372.8678589
########	818.6377	614.9617	592.1467	507.4567	376.2071228
########	820.9692	609.32	591.395	511.4983	375.8630066
########	824.8467	616.1483	592.2516	508.9966	377.8233643
########	820.0128	615.91	591.6459	510.5208	376.3982239
########	817.425	614.81	591.3475	508.69	373.8540649
########	821.2267	620.4467	592.4567	508.535	370.6904907
########	816.9733	615.4233	592.4517	508.1742	420.9334106

########	819.7125	614.2516	592.335	507.5867	420.9334106
########	823.0634	611.6067	591.1567	509.1517	423.1929932
########	822.505	614.3383	590.4483	510.7883	425.816803
########	821.4795	616.205	590.5217	509.1192	428.0521545
########	823.1883	615.0334	590.495	510.49	428.0521545
########	824.7933	619.5084	590.5608	510.4558	382.1376038
########	821.6384	608.465	591.2433	509.5383	386.1963196
########	822.7233	615.185	591.7867	509.6133	379.9612732
########	826.6317	616.8367	592.7783	509.235	378.8667603
########	810.5733	634.3083	591.9217	511.0333	377.3181458
########	813.0933	619.5084	591.6974	510.475	374.2350769
########	818.22	614.54	592.1866	507.5034	378.0422058
########	818.725	616.535	592.9783	508.8383	378.0422058
########	822.4966	604.3517	592.935	508.2133	381.3023987
########	819.26	615.98	592.1378	508.6867	381.4729919
########	824.1	617.39	591.415	509.665	381.5456543
########	820.585	612.335	590.83	504.21	381.5456543
########	822.19	621.035	591.58	509.015	382.1640015
########	812.655	608.085	590.99	508.495	383.3699951
########	819.4925	615.185	591.19	508.86	378.5029907
########	820.545	613.86	590.4875	509.195	378.6884155
########	820.225	599.775	590.09	509.015	376.9944458
########	824.045	605.325	589.73	508.965	376.8816223
########	820.62	612.565	589.54	509.68	376.8816223
########	819.54	612.98	590.28	508.825	379.9417725
########	815.075	608.8	590.555	508.325	379.9417725
########	821.275	607.525	589.785	508.345	371.803894
########	819.54	612.315	589.895	510.33	371.803894
########	819.76	613.325	589.72	508.98	398.4442139
########	819.235	612.315	589.92	508.6675	388.2654114
########	821.005	610.225	589.69	508.635	380.2114563
########	823.34	612.315	589.985	509.25	378.5018921
########	816.71	609.7867	590.7533	510.7633	378.5018921
########	819.4883	610.7867	590.48	509.6633	419.1027222
########	818.4367	610.6317	589.69	508.9867	393.1131287
########	818.8233	612.9266	589.49	509.6867	407.7225037
########	818.7466	611.7534	589.62	508.68	420.2531433
########	819.1467	610.5467	589.2833	507.44	367.4056702
########	818.7466	610.5067	589.0133	508.54	381.2926636
########	818.5067	611.1	589.1733	509.0978	386.8798523
########	819.8067	609.9844	589.1467	509.04	386.8798523
########	818.7467	610.14	589.1133	509.6067	383.4431458
########	818.7533	610.7822	588.6533	509.6467	403.037384
########	818.9467	609.9533	589.0133	511.1267	391.5324707
########	819.1133	610.14	588.8267	510.1933	397.5735474
########	818.7467	610.3067	588.64	509.7267	397.5735474
########	818.8533	610.1356	589.0267	509.7533	403.7346191

########	818.2866	609.2867	588.8533	509.7933	400.4239197
########	819	609.5	588.7133	509.1867	398.4106445
########	819.24	609.6533	588.88	508.56	398.4106445
########	818.36	608.8644	588.68	509.4467	404.9057007
########	817.8	609.6467	588.4733	509.9533	408.7798157
########	818.7466	608.2733	588.9733	510.7733	408.7798157
########	818.4534	608.6934	588.5133	509.0933	401.0317383
########	819.0233	608.3067	588.5133	510.7067	417.1750793
########	818.4534	609.6733	588.5333	509.7533	378.4172058
########	819.3467	608.5067	588.9067	509.8734	399.6622925
########	818.7466	608.6533	588.7733	509.9267	417.3190918
########	818.5467	609.6467	588.2733	509.7767	417.3190918
########	818.19	608.72	588.51	509.195	409.1984558
########	818.68	608.27	588.77	509.21	406.2115784
########	819.29	608.32	588.585	509.3967	406.2115784
########	820.18	608.34	588.33	509.33	407.0808411
########	819.29	608.11	588.005	509.54	400.6470032
########	819.69	608.48	588.36	508.88	394.4098511
########	819.41	608.095	588.51	509.09	394.4098511
########	819.41	607.66	588.71	509.67	373.631897
########	819.97	608.32	587.96	509.3933	373.3051453
########	819.45	608.76	587.76	508.88	378.4488525
########	819.29	608.48	588.93	510.07	397.2410583
########	818.86	607.84	588.71	509.63	410.5943909
########	819.29	608.11	588.285	509.33	410.5943909
########	819.245	608.11	588.425	510.05	
########	819.41	607.78	587.99	509.3967	
########	819.62	607.56	588.32	509.77	427.2077332
########	818.87	607.78	588.71	509.98	426.9186096
########	818.92	608.11	588.355	509.66	427.1774902
########	819.43	607.71	588.18	509.77	427.1774902
########	819.45	608.17	588.32	508.72	429.3440552
########	818.68	607.84	588.25	508.81	429.013092
########	819.17	608.0967	588.03	509.58	390.1755066
########	819.2534	608.0367	588.3133	510.33	389.7568359
########	819.1266	606.94	588.16	509.5934	388.7528992
########	818.9867	607.1266	587.78	509.14	390.9186707
########	819.3622	606.9089	588.1266	509.6067	386.4320984
########	819.34	607.7827	588.12	510.4733	386.3371582
########	820.1133	606.4933	588.3044	509.8867	386.2144775
########	819.1	607.4733	588.6266	509.5934	386.0820618
########	818.5317	607.3867	588.1133	509.9133	388.2471619
########	819.6067	606.6567	588.0233	509.1133	387.7331848
########	819.0134	608.04	588.0956	509.3267	390.4043274
########	818.9866	606.7	587.8067	509.7733	392.8813782
########	818.9867	607.36	587.82	510.0067	389.9855957
########	819.7133	606.4266	587.8689	510.6866	389.9855957

########	819.34	606.2133	587.9933	510.1534	390.5196533
########	818.9089	607.4016	587.9133	509.8867	393.0310364
########	818.9067	607.0016	587.7914	510.0016	393.0310364
########	819.7133	606.985	587.7267	509.8867	384.540802
########	819.6	607.2867	587.98	509.3933	389.7159119
########	819.3867	606.5867	587.7933	509.4867	390.0654297
########	818.9867	606.94	588.44	510.6367	394.7135315
########	818.95	606.5467	587.8666	509.7356	395.5927124
########	818.8033	607.3533	587.7734	510.7967	395.5927124
########	818.6716	606.9283	587.77	509.9533	394.4842529
########	819.295	606.5467	587.5489	509.3733	397.1893616
########	818.8734	607.2433	587.4767	509.9733	399.3684082
########	818.5267	607.0566	587.7534	510.84	396.999176
########	818.9067	606.95	587.7734	510.9984	394.7870789
########	819.0533	607.3187	587.6266	510.9067	392.8660889
########	819.405	606.91	587.73	510.5783	393.918457
########	818.3566	606.6733	587.6266	511.0533	395.3467407
########	818.6133	606.6533	587.6817	509.8478	395.3467407
########	818.7967	607.1733	588.2266	511.0533	397.6306763
########	818.6534	607.0566	588.7433	510.6933	399.1960449
########	819.2433	606.2534	587.3267	509.5533	399.1960449
########	818.9067	606.6567	587.8433	510.84	400.2492371
########	819.0533	606.5466	587.77	510.0483	400.0690002
########	818.4489	607.4644	587.7534	510.925	399.0348816
########	818.3566	606.9717	587.9533	510.76	399.0348816
########	818.96	607.2	587.54	510.34	395.4960938
########	818.38	606.64	587.74	510.64	392.302887
########	819.32	605.78	587.5428	510.88	392.302887
########	818.5467	606.9522	587.53	511.3717	397.0672607
########	818.02	606.74	587.44	510.58	399.6207275
########	818.38	605.9933	587.82	511.06	399.4130554
########	818.46	606.58	587.58	510.88	399.4130554
########	818.24	605.86	588.06	510.76	400.9077148
########	818.21	607.42	587.3	510.16	401.4624023
########	817.6	606.44	587.44	510.48	397.9481812
########	819.14	606.64	587.5	510.14	395.1360474
########	819.12	605.52	587.48	511.54	394.5078735
########	819.7933	606.16	587.46	510.4267	395.1523132
########	818.94	606.16	587.64	509.74	395.1523132
########	818.76	606.44	587.47	511.28	397.0029907
########	817.78	606.08	587.96	511.16	398.9220886
########	817.92	605.34	587.08	510.48	398.9220886
########	818.48	606.58	588.02	511.02	400.8926392
########	817.84	606.18	587.67	510.58	402.944397
########	818.72	605.06	587.24	511.43	399.6184387
########	817.98	605.72	587.48	510.44	399.6184387
########	818.34	605.72	587.22	510.98	394.9645691

########	817.78	606.14	587.32	511.22	393.6228333
########	818.39	606.0267	587.4484	510.16	393.6228333
########	818.8044	605.2767	587.6633	511.49	396.9682617
########	817.9067	605.5067	587.8834	511.85	399.0723267
########	819.21	605.3133	587.21	511.1617	400.4466553
########	818.0867	605.3133	587.1987	511.5067	400.4466553
########	819.44	605.9767	587.0133	511.1867	402.2142639
########	819.1633	604.6367	587.3311	510.4267	402.2142639
########	819.1733	604.9367	587.5067	512.1066	396.0273438
########	819.1733	605.3133	587.0133	511.8766	393.7505798
########	819.205	606.7267	586.6266	512.2867	393.7505798
########	818.0867	606.2683	587.1867	510.4366	394.0452271
########	819.21	605.99	586.82	510.8233	395.5393066
########	817.6884	606.4133	587.5133	511.1617	398.3422546
########	819.1733	604.6233	587.3734	512.2867	398.3422546
########	818.1367	605.3066	586.8066	511.2367	398.6090088
########	818.7867	605.3233	587.1289	511.5067	398.0745544
########	818.1233	605.3133	586.7289	511.1867	398.0745544
########	818.11	604.6233	587.0967	511.9133	399.0769653
########	818.4267	604.9089	586.8066	511.5133	394.7631531
########	817.3267	606.3633	587.0034	511.7317	391.7476196
########	818.1367	605.0744	587.3934	512.2867	391.7476196
########	819.1867	604.9617	587.0034	512.2867	395.7915649
########	818.8933	604.6933	587.4886	511.7092	398.2500916
########	817.4467	604.9356	586.7333	510.9133	398.2500916
########	819.3134	605.5267	586.9467	512.2466	400.319397
########	818.2866	605.2467	586.7466	511.48	400.319397
########	818.1733	604.9534	587.0267	511.46	
########	818.5067	605.8134	587.2534	510.9467	
########	818.7467	605.3933	587.0267	511.6156	395.6490479
########	818.0466	605.6467	586.44	511.46	394.4675293
########	818.4534	604.86	586.7333	511.6067	393.5537415
########	818.9467	605.5933	586.6133	510.5067	397.0202026
########	817.7733	605.5267	586.6266	512.1266	397.0202026
########	818.14	605.3533	586.6133	512.3867	399.4143372
########	818.575	605.065	587.11	511.795	400.223053
########	818.7475	603.965	585.805	510.965	400.9980164
########	819.17	603.965	586.375	512.24	400.9980164
########	818.86	604.645	586.43	512.075	401.5901184
########	818.825	604.26	586.555	511.795	397.6487732
########	819.315	604.17	587.035	512.24	397.6487732
########	819.84	601.795	586.525	512.5475	394.8570557
########	819.455	604.735	587.11	510.815	395.3539734
########	818.205	605.24	586.83	512.33	395.3539734
########	818.1025	605.64	587.37	512.18	398.2625732
########	818.04	604.425	587.11	513.325	399.8623657
########	817.7217	604.6225	586.375	511.87	401.1167297

########	819.1483	604.5366	586.8292	510.7483	401.1167297
########	818.305	604.9911	586.81	512.3783	400.5599976
########	818.875	604.4172	586.395	511.2828	
########	818.4758	604.7975	586.2366	512.925	393.9021606
########	819.405	605.1733	586.9366	511.9633	395.1678467
########	818.7759	604.4733	586.7366	513.1108	395.1678467
########	819.6266	604.8217	586.4634	512.4316	397.0596924
########	818.1608	605.4467	586.8317	512.505	397.1998596
########	818.4634	605.8892	587.2734	511.7733	397.1998596
########	818.1475	605.3242	586.8633	512.8734	398.2499695
########	818.9467	605.17	587.0634	512.1216	398.2499695
########	818.7759	606.2258	586.9366	512.6517	397.0317078
########	819.3738	605.2484	587.21	512.7783	393.5081177
########	818.4634	606.0517	586.8734	512.5217	393.5081177
########	819.3125	606.2258	587.3367	513.495	387.5812378
########	820.7783	605.6483	586.9367	512.7783	390.3453979
########	821.2217	613.6467	586.5217	513.9733	390.3453979
########	820.7161	604.9517	586.8734	513.6392	391.2632446
########	821.2734	606.5467	587.1367	513.9733	390.0065308
########	811.3843	588.7828	586.7366	513.9733	386.418457
########	818.52	597.3617	586.6483	515.0317	386.418457
########	815.2833	609.2267	588.0167	512.8439	389.4550171
########	820.5842	604.865	589.0067	514.3066	386.6029968
########	830.6833	620.5383	589.11	513.9308	379.8118286
########	820.4817	608.6133	589.3209	513.2067	379.2265625
########	822.705	609.4933	589.6584	513.5683	380.0928955
########	826.28	610.4383	589.5709	513.7967	380.0928955
########	820.6383	612.9767	589.5967	514.1133	380.0928955
########	815.7783	610.025	589.6934	514.2317	
########	811.7933	610.7634	589.6417	513.1128	
########	820.0683	609.6633	590.0317	513.725	383.0529785
########	812.1	610.7267	589.055	515.2375	387.5031738
########	819.3817	605.965	589.0067	514.0867	386.7789001
########	818.365	606.4366	589.6934	513.9439	386.7789001
########	826.9933	608.7683	589.4325	513.23	377.5237427
########	821.1934	611.455	589.5192	514.8617	376.8969727
########	816.4083	609.5067	589.0067	514.8617	377.7271729
########	821.595	609.055	589.725	516.505	377.7271729
########	809.42	609.82	590.065	513.77	377.1277466
########	822.265	610.675	590.17	514.36	377.1002502
########	811.745	209.57	590.87	513.89	379.2017212
########	830.08	125.225	590.485	514.605	383.221283
########	815.76	126.55	590.73	514.03	386.109375
########	816.48	112.505	589.695	513.7034	379.585022
########	814.865	110.86	592.24	286.29	377.13974
########	813.22	110.815	590.475	127.495	377.13974
########	815.965	116.965	592.8375	113.8575	374.4855652

########	819.655	113.555	593.07	112.12	374.4855652
########	834.61	115.825	593.53	112.8925	374.1901245
########	807.155	107.64	593.775	113.225	376.9214783
########	822.305	109.415	593.715	113.17	376.9214783
########	824.42	111.405	593.795	113.73	378.150177
########	819.82	112.37	593.8913	113.745	378.150177
########	828.785	112.125	594.595	111.16	379.1944885
########	823.735	111.425	593.995	113.745	374.3835754
########	828.275	110.255	594.375	108.275	374.3835754
########	825.87	114.32	594.545	112.385	370.8042908
########	826.575	112.4975	594.76	116.515	420.6776428
########	838.38	107.74	595.27	114.01	421.5945129
########	827.3725	110.5	594.685	112.505	421.5945129
########	834.005	109.585	593.865	115.4425	422.3391724
########	829.155	112.3267	594.1666	114.4708	423.5903931
########	842.6334	106.2367	593.8817	113.2283	423.5903931
########	820.615	115.1717	594.755	114.0017	381.8043518
########	815.955	110.1517	594.2267	110.3317	376.8071289
########	830.5366	108.355	594.5367	113.4267	374.3572388
########	832.245	111.8717	594.5367	111.765	374.3572388
########	826.3961	115.3517	593.9717	113.43	373.421051
########	829.7533	112.6017	594.1367	110.1667	373.4932251
########	833.8734	112.455	594.3367	110.445	373.5881653
########	834.4567	111.6733	594.4266	109.2317	373.743988
########	836.0734	110.8483	594.41	110.53	373.6045227
########	835.67	112.4033	594.6633	110.255	381.3458557
########	835.6733	112.1067	594.9067	109.9983	378.5084839
########	835.8016	112.2017	594.6633	107.3467	378.5084839
########	835.2516	110.7017	594.4633	107.9267	374.3551025
########	845.645	109.65	594.4266	108.575	
########	838.5883	110.5733	593.565	109.2717	
########	830.2767	111.8383	594.9817	107.9633	420.1052246
########	839.8571	110.9517	594.3817	109.7267	420.9606018
########	839.0467	110.295	594.5917	108.1317	420.9606018
########	841.0016	127.895	595.1142	104.205	424.9718018
########	835.0833	113.5217	595.7333	104.6483	429.4046631
########	843.0983	112.2533	594.755	108.5717	374.6716309
########	842.2067	110.2233	594.1033	109.4133	371.6265259
########	842.3199	110.9183	595.59	109.3767	418.489502
########	845.4517	108.7483	594.9608	106.5183	414.4475708
########	823.8917	108.7058	594.4883	106.9183	414.673584
########	843.5383	111.2567	595.59	106.5067	414.673584
########	849.9816	110.1442	594.7034	106.9233	416.7267151
########	846.36	116.36	594.0967	107.6067	419.2978516
########	846.305	108.355	593.91	108.0417	427.9659424
########	848.7516	111.6033	595.2034	109.7333	427.9659424
########	846.3116	111.2394	594.7025	110.4333	423.3052063

########	848.77	109.3817	593.8183	107.4592	418.3217468
########	842.5333	111.975	594.5084	107.0117	418.3217468
########	840.4733	108.35	594.5067	106.4883	413.3910522
########	848.1183	110.8667	594.6934	106.905	416.0533142
########	849.6116	109.0558	593.7966	108.3067	416.2868347
########	860.4933	108.5417	594.6934	106.44	416.2571411
########	912.3884	110.1867	594.2933	106.8933	0
########	949.6284	111.65	594.3066	105.83	0
########	1000.935	111.975	594.6008	107.5817	0
########	1040.436	95.43	594.9267	105.3883	0
########	1065.515	110.93	596.255	106.7567	0
########	1101.945	109.685	594.22	106.305	0
########	1118.325	108.805	594.73	107.1475	0
########	1135.085	110.355	595.095	106.0975	0
########	1147.365	105.345	595.83	105.7475	0
########	1149.07	84.25	596.19	104.935	0
########	1146.47	110.62	595.215	105.87	0
########	1146.69	109.8825	594.495	105.415	0
########	1145.797	110.245	593.845	108.545	0
########	1143.405	110.51	594.44	106.34	0
########	1144.565	110.4175	593.995	105.04	0
########	1147.205	113.635	593.135	105.695	0
########	1144.445	110.665	593.29	104.9325	0
########	1137.63	107.49	593.085	104.935	0
########	1140.915	109.09	592.7383	105.03	0
########	1144.28	110.235	592.64	105.31	0
########	1140.855	111.27	593.19	105.265	0
########	1144.825	109.74	590.37	106.17	0
########	1143.065	110.4975	593.125	104.045	0
########	1143.895	98.58	593.14	105.075	0
########	1141.625	109.52	592.02	103.53	0
########	1142.665	123.59	591.61	104.64	0
########	1142.84	112.01	592.435	104.7862	0
########	1142.678	108.645	592.51	105.3217	0
########	1142.152	109.9367	593.2516	100.2817	0
########	1140.427	109.5783	592.29	105.2667	0
########	1140.443	109.8633	592.6367	102.9783	0
########	1139.343	110.5483	592.5608	103.3433	0
########	1140.067	109.9	592.1	104.4667	0
########	1139.1	109.7333	591.8334	104.3333	0
########	1138.633	109.5333	590.9	104.0667	0
########	1138.767	109.1667	590.9333	102.9667	0
########	1138.533	108.5667	590.4667	103.4667	0
########	1138.267	107.8667	589.7667	104.0667	0
########	1138.167	108.0667	589.4667	103.0167	0
########	1138.533	106.8	589.7667	103.8333	0
########	1138.533	107.9333	589.0333	102.6833	0

########	1140	106.9	589.2	102.9	0
########	1138.5	107.7333	588.9333	102.8111	0
########	1138.5	107.6	589	102.5	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timec	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timeout	
########	1137.4	107.2	588.6	102.1	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timec	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timec	0
########	1137.85	106.3667	587.8667	102.05	0
########	1138.1	105.8	588.6	102.5	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timeout	
########	Scan Timec	Scan Timec	Scan Timec	Scan Timeout	
########	1136.567	107.4667	588.1333	100.8	
########	1136.167	107.5667	588.1333	101.7333	0
########	1134.5	111.3	588.3	99.2	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timec	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timeout	
########	Scan Timec	Scan Timec	Scan Timec	Scan Timeout	
########	1134.5	101.6333	582.5333	101.9	
########	Scan Timec	Scan Timec	Scan Timec	Scan Timec	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timec	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timeout	
########	1134.738	100.75	580.9667	100.0833	0
########	1135.892	101.1333	580.4333	101.825	0
########	1135.783	100.5667	581.4667	101.925	0
########	1135.367	104.25	582.2333	100.1958	0
########	1135.9	104	582.6	99.6	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timeout	
########	Scan Timec	Scan Timec	Scan Timec	Scan Timeout	
########	Scan Timec	Scan Timec	Scan Timec	Scan Timeout	
########	Scan Timec	Scan Timec	Scan Timec	Scan Timeout	
########	1134.908	105.4333	582.55	98.93333	0
########	1135.133	104.5833	582.3834	98.55833	0
########	1135.033	102.95	582.5667	99.53333	0
########	1135.842	103.0167	581.775	99.26666	0
########	1135.133	104.1167	582.5333	98.5	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timec	0
########	0	0	0	0	0
########	0	0	0	0	
########	0	0	0	0	0
########	0	0	0	0	0
########	0	0	0	0	0
########	0	0	0	0	0
########	0	0	0	0	0
########	0	0	0	0	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timec	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timeout	

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########	0	0	0	0	0
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########	0	0	0	0	0

########	0	0	0	0	0
########	0	0	0	0	0
########	0	0	0	0	0

########	852.1733	105.26	590.92	76.1	
########	851.7267	105.0267	590.7644	75.18667	
########	852.0134	104.96	591.1733	74.86	
########	852.3133	103.8133	591.3066	75.98666	
########	852.2	103.6933	591.2933	75.93778	
########	851.9633	104.3	591.4933	74.7	
########	852.7133	103.9267	591.5067	74.86	
########	851.9867	104.3733	591.4933	75.10667	
########	852.3133	103.4133	591.56	74.92	
########	852.6067	104.1633	591.1067	75.02666	
########	851.9133	103.3956	591.32	74.86	
########	851.8433	104.6067	591.0933	74.48666	
########	850.6266	104.8433	591.4467	74.11333	
########	852.1733	104.6733	591.6467	75.21333	
########	849.83	106.7133	592.56	74.11333	
########	849.3066	106.6867	592.7534	73.76	
########	849.83	104.9567	591.8067	74.10445	
########	849.83	103.8044	591.1067	74.11333	
########	849.9	103.6933	590.7333	75.18667	
########	850.86	102.6867	590.3533	74.32667	
########	850.5134	102.4533	589.8066	74.11333	
########	850.6	103.34	589.9667	74.48666	
########	850.4867	101.26	589.1533	73.92667	
########	850.1906	100.7969	588.6933	73.76	
########	850.1266	102.01	588.74	74.02	
########	850.2378	100.5133	588.9067	73.83	0
########	850.0067	100.6267	588.3933	73.38667	0
########	850.0867	100.0067	588.1467	74.51334	0
########	849.74	100.1867	588.2733	74.32667	0
########	849.76	100	587.7933	74.81334	0
########	850.1367	100.0867	587.6067	73.99333	0
########	850.615	100.37	587.32	74.82	0
########	849.69	100.36	587.29	73.81	0
########	849.69	100.18	587.02	74.95	0
########	849.53	100.67	586.54	74.46	0
########	849.69	100.09	586.375	74.58	0
########	849.762	99.83	587.14	74.405	0
########	849.32	99.48	586.15	74.285	0
########	849.795	99.81	586.24	74.31499	0
########	849.81	99.705	586.04	75.235	0
########	849.858	99.32	586.02	73.97	
########	850.0025	100.02	585.98	74.79	0
########	850.18	100.18	585.98	74.42	0
########	849.5967	100.18	586.16	74.24001	0
########	849.67	99.36333	585.58	74.14	0
########	849.705	100.24	585.86	74.02	0
########	849.48	100.04	585.27	74.615	0

########	849.97	100.37	585.41	74.67	0
########	849.795	99.645	584.87	74.64	0
########	849.36	100.1057	584.9033	74.49834	0
########	849.81	99.57	584.73	74.955	0
########	849.56	99.32249	584.62	75.23	0
########	849.56	99.32	585.08	74.02	0
########	849.32	99.69	584.82	74.91	0
########	849.08	99.04	584.38	75.12	0
########	849.47	99.41	584.48	74.835	0
########	849.26	98.59	584.62	74.69667	0
########	849.34	100.065	584.62	74.36	0
########	849.56	99.48	584.66	75.85	0
########	849.4358	99.72	584.76	75.77	0
########	849.88	99.88	583.89	74.39333	0
########	849.5466	100.5533	584.16	73.78667	0
########	849.4533	99.24667	583.9667	75.16	0
########	848.8533	99.86	584.3334	74.85333	0
########	849.86	99.69333	583.7534	74.39333	0
########	849.86	100.5533	583.8134	74.90667	0
########	849.1067	99.84	583.86	75.42667	0
########	849.8134	98.67	583.5867	74.39333	0
########	849.6866	98.04666	584.68	77.54666	382.2817383
########	849.9033	98.85333	585.98	74.96	382.2817383
########	849.6467	98.85333	585.8734	74.44667	386.2390747
########	850.2466	98.76	588.2033	74.35333	387.1475525
########	850.3533	98.67	588.42	74.96	388.9508362
########	850.2233	98.24667	588.1933	73.64	387.7184448
########	849.9534	97.75333	587.7534	74.64667	387.7184448
########	849.89	98.15334	587.79	74.58444	394.9073792
########	850.2466	98.89667	587.4933	74.31556	394.9073792
########	849.77	98.44666	587.78	74.92333	392.7615356
########	849.8867	98.19333	587.5533	74.96667	393.9233093
########	850.2466	97.54667	587.9267	74.74	393.9233093
########	850.74	98.19333	587.9667	75.38	377.268158
########	850.0978	97.34666	587.4067	75.45334	0
########	850.2467	97.51334	587.66	73.70167	0
########	850.0156	97.34666	587.14	73.37333	0
########	850.2067	97.01778	587.3867	73.64	0
########	849.73	98.35333	587.3734	74.24667	0
########	850.8134	97.65111	587.1733	74.5	0
########	850.0467	97.47667	586.4467	73.17333	0
########	849.3467	97.66	586.6866	73.64667	0
########	850.2466	97.25333	586.4267	74.00667	0
########	849.9338	97.01143	586.78	74.28857	0
########	850.0289	97.555	586.7033	74.31334	0
########	849.605	96.61333	585.7233	74.68166	0
########	849.64	97.25333	587.3134	74.93999	0

########	849.7466	97.39667	587.9266	75.07333	369.1983032
########	849.88	96.94666	587.58	75.84667	374.01651
########	850.0652	97.66333	587.3569	73.91692	374.01651
########	850.2867	97.41167	587.4966	76.06333	424.3392639
########	850.6733	97.19334	587.0133	74.33667	428.5770874
########	849.6233	97.37334	587.6833	75.37667	375.6988831
########	850.2633	97.00777	587.355	74.50667	375.6988831
########	849.755	97.22556	587.3934	74.68666	376.6223145
########	849.61	97.41	587.6934	74.35001	376.6223145
########	849.662	97.695	587.41	73.62333	428.6968994
########	850.2767	97.555	587.3934	75.41334	422.04245
########	850.0978	96.62666	587.1867	74.81917	422.04245
########	850.0933	96.98666	587.3867	75.01334	379.8487854
########	849.6233	98.4	587.3033	74.27889	379.8487854
########	850.2767	97.39555	587.38	74.31167	401.7384338
########	850.3134	97.02333	586.6266	74.99	410.8797607
########	849.6233	97.66333	587.3867	74.71	410.8797607
########	850.6733	96.61333	587.6633	75.41334	428.0010071
########	849.6033	98.05	587.2167	74.71	428.0010071
########	849.2233	95.92333	587.1033	74.845	408.3381653
########	849.8975	96.61333	587.1934	74.33667	408.3381653
########	849.6233	96.32333	587.17	74.33667	400.7548218
########	849.61	95.53667	587.4034	74.33667	400.8048706
########	850.3211	96.59	587.2067	75.775	400.8048706
########	849.61	97.35	588.465	77.89	2747.928711
########	849.89	96.99223	587.0167	76.47667	393.1373596
########	849.89	96.66167	587.4484	76.29333	395.0006409
########	850.2767	96.28667	587.205	75.01334	395.0006409
########	849.9634	96.29333	587.38	75.38667	396.0209961
########	850.9767	96.305	586.82	74.99	393.7429199
########	850.8683	95.90667	587.1934	75.75	393.7429199
########	850.1067	96.2625	586.3367	75.19334	381.1586304
########	849.895	95.91334	587.0067	76.16167	376.138092
########	850.2767	96.98666	586.63	75.76334	371.9659729
########	850.1578	96.32333	586.8033	75.42333	371.9659729
########	849.9067	96.32333	587.1867	74.70777	372.122406
########	849.2367	96.79333	586.8067	75.38667	400.5500183
########	849.6967	97.01334	586.42	74.32333	400.5500183
########	850.08	96.48	586.4267	75.78667	393.3738708
########	849.84	97.08	586.6	75.88	385.4225159
########	849.74	97.28	587.36	76.39333	385.4225159
########	850.02	98.03	586.17	75.91	372.7550354
########	849.66	96.78	586.92	75.92	422.9371338
########	849.84	97.52	586.9867	75.66	414.8902588
########	849.66	96.68	586.92	74.44	414.8902588
########	849.27	95.66	586.68	76.42	402.0127563
########	850.52	96.54	586.52	76.06	402.0127563

########	850.22	96.2	586.68	75.16	399.7325745
########	850.94	96.36	586.72	75.7	399.7325745
########	850.2	96.64	586.72	74.38	403.1524353
########	851.18	96.92	586.18	75.08	404.2547302
########	850.5433	95.91167	586.7217	74.625	400.8400879
########	851.6375	95.98667	586.7133	74.37667	400.4964294
########	850.2133	96.675	585.9867	74.97417	400.4964294
########	850.6133	96.84333	586.7567	75.12583	396.2472839
########	849.6379	96.5675	586.795	75.56167	390.7955933
########	850.9675	96.535	586.4867	75.08667	390.7955933
########	851.1617	96.76167	586.3784	75.13083	374.8840027
########	850.8483	96.91333	586.8483	75.55833	424.4813538
########	851.5517	96.535	586.535	74.22444	417.1965027
########	851.5567	97.81611	586.4434	74.13834	417.1965027
########	851.1733	97.54833	587.2433	74.61333	399.943634
########	851.7133	97.78667	587.0433	74.14834	380.2712402
########	851.7567	97.78667	587.3784	74.61	375.0652466
########	850.765	97.47584	587.1183	74.375	416.7828369
########	849.8383	97.87333	587.5467	75.17834	416.7828369
########	851.3621	97.465	587.595	74.765	0
########	851.7966	97.04333	587.3483	73.28667	0
########	852.4495	97.23833	587.2433	73.28667	0
########	851.4758	97.54833	587.5175	73.04833	0
########	852.5308	97.87333	587.5917	73.28667	0
########	853.0172	98.565	588.605	73.42667	0
########	853.3616	99.11333	588.4711	72.96166	0
########	853.5883	98.41333	588.9133	72.565	0
########	854.065	98.565	588.7733	73.28667	0
########	859.6317	98.63667	590.0133	73.59	0
########	856.1967	97.86166	589.435	72.88667	0
########	854.235	102.9983	589.8567	72.97334	0
########	853.6	98.8	589.4	73.9	0
########	Scan Timec	Scan Timec	Scan Timec	Scan Timec	0
########	854.3867	99.55666	590.6216	73.75166	0
########	852.994	101.878	590.7189	73.096	0
########	855.6629	96.11429	591.0354	73.09143	0
########	856.315	96.31166	591.3234	73.52333	0
########	854.29	99.44666	591.345	72.36833	0
########	854.185	101.2467	592.0533	72.68501	0
########	855.5892	102.8183	591.7462	72.26334	0
########	855.05	98.75667	591.9617	72.25333	0
########	856.4883	95.825	592.4533	73.63167	0
########	859.2441	103.2483	592.5616	73.1375	0
########	856.2217	102.3133	592.8766	71.82167	0
########	857.1425	96.99	592.8083	72.98917	0
########	856.4158	99.36333	593.1234	71.69	0
########	855.7783	105.08	594.2783	72.42278	0

########	855.285	99.69167	594.2533	72.25333	0
########	854.1334	92.70333	593.4933	70.67667	0
########	856.0467	104.955	594.1766	72.26334	0
########	854.54	98.005	593.8383	73.10667	0
########	858.4892	101.05	594.2233	74.08917	0
########	857.1567	97.50167	594.155	70.92834	0
########	861.4917	101.81	594.6234	72.34666	0
########	852.2517	100.835	594.9384	72.71584	0
########	852.2317	100.4533	594.7767	72.615	0
########	856.6317	101.9867	594.7767	71.21083	0
########	857.6117	101.3183	595.085	73.025	0
########	858.0333	101.815	595.43	72.26334	0
########	859.8116	99.045	595.055	71.925	0
########	857.3317	99.36333	595.8766	71.575	0
########	857.1783	101.1533	595.6766	72.26334	0
########	858.185	102.2417	595.3617	71.93667	0
########	851.3784	107.19	595.1375	73.17833	0
########	853.1683	101.9817	596.0808	72.42333	423.8445129
########	852.4067	93.84333	596.355	72.19333	370.437439
########	858.1666	95.46833	595.63	70.14667	382.3374634
########	857.2584	92.77499	597.1617	71.66167	382.3374634
########	850.8033	93.45334	597.3317	71.43166	380.667511
########	862.8417	95.14	590.0233	74.64	380.667511
########	852.8175	82.85833	587.7117	64.79166	376.6723938
########	850.8134	94.70667	589.9767	58.21167	376.6723938
########	848.5416	93.95667	589.8234	64.37833	380.1741943
########	857.4133	88.77499	590.1934	63.455	382.7542419
########	851.1533	94.13167	588.9067	60.93667	382.7542419
########	849.6628	95.01143	589.93	60.66833	383.4976807
########	850.975	94.595	589.645	59.82	0
########	853.4317	93.52	588.905	60.645	0
########	855	93.79501	589.68	63.905	0
########	850.575	94.69	589.6025	59.905	0
########	850.81	92.875	590.555	59.4925	0
########	849.49	93.41	590.595	60.495	0
########	860.475	93.88	590.485	58.79	0
########	851.33	98.61	590.415	60.495	0
########	845.64	96.655	590.445	61.705	0
########	856.97	90.22	590.69	61.98	0
########	849.655	95.97	591.035	65.595	0
########	854.315	94.635	590.89	62.915	0
########	854.605	99.64	590.755	60.715	0
########	857.52	94.485	590.545	62.515	0
########	855.44	103.68	591.645	61.03	0
########	850.81	94.98	590.98	59.615	0
########	853.0917	103.105	591.735	61.485	0
########	850.56	96.285	592.28	62.8875	0

########	852.57	94.29	592.285	61.485	0
########	851.88	94.51	592.595	63.89	0
########	851.235	96.655	592.925	62.9	0
########	852.76	96.245	593.11	61.885	0
########	857.78	96.105	592.8912	62.0075	0
########	855.155	94.76	592.91	60.605	0
########	853.01	95.475	593.695	61.5525	0
########	847.48	95.06	594.52	63.04	0
########	867.045	81.89	594.52	62.09	0
########	858.895	99.075	593.2425	62.585	0
########	854.905	99.93	592.2925	64.085	0
########	855.0169	94.97858	592.3771	63.98857	0
########	855.2983	92.65166	591.9966	64.27834	0
########	854.215	95.875	593.3433	61.00444	0
########	854.81	94.155	593.22	62.00667	0
########	854.8733	93.215	592.5425	63.12667	0
########	849.1967	94.9375	593.17	62.51167	0
########	853.1483	92.80833	593.5792	61.88833	
########	858.0767	91.805	593.815	62.14333	0
########	854.725	96.20583	593.7925	56.21333	0
########	856.1884	67.94	593.7416	62.08667	0
########	854.4133	93.89833	593.8528	61.21333	0
########	855.6683	96.01334	593.43	61.57667	0
########	854.4133	93.31167	593.0566	62.39833	0
########	855.7917	93.085	593.7017	62.79833	0
########	855.8883	88.66667	592.6016	62.80083	0
########	856.3984	93.83833	592.9434	65.86333	0
########	856.9992	92.40166	591.87	65.45667	0
########	857.575	90.83167	591.8134	62.685	0
########	855.99	95.81167	590.2117	64.70333	0
########	852.6984	95.84834	591.5613	59.71333	0
########	851.41	93.98666	589.87	57.39667	0
########	851.59	78.27583	592.2983	60.08833	0
########	850.62	97.26	592.6583	58.72667	
########	851.4378	97.07667	590.345	61.69	
########	852.4117	101.8217	589.3583	61.15667	
########	854.1016	93.10167	588.515	61.88833	
########	852.1117	92.175	587.5583	62.7925	
########	853.9033	90.65083	587.5583	62.74417	
########	850.6884	90.28667	587.2709	62.685	
########	853.34	90.74334	587.615	63.785	
########	853.063	88.815	586.9434	62.7925	
########	854.1984	90.57333	587.3434	62.25667	
########	853.625	90.90166	587.3434	62.70167	
########	854.0084	89.82833	587.6183	62.32833	
########	852.9409	89.02	587.8417	62.26417	
########	852.99	86.16	588.1675	62.635	

########	853.775	91.32166	588.5183	66.78667
########	838.7216	91.19333	587.8767	60.85833
########	855.4984	91.32166	588.2767	69.57333
########	852.4533	68.25333	589.6767	62.15334
########	845.2634	99.61167	589.2175	60.665
########	851.11	94.08666	588.55	61.485
########	851.47	92.64999	588.15	62.35
########	851.47	92.96	588.51	62.24
########	852.185	93.59	588.665	61.77
########	851.745	94.06	588.93	61.17
########	851.58	92.64	587.96	62.13
########	851.51	91.88499	587.88	63.19
########	852.32	91.93	588.24	62.24
########	852.2642	93.20572	587.5172	61.86857
########	851.0533	93.37333	588.4467	62.82667
########	852.0533	91.99333	587.7267	60.8
########	850.37	93.23	588.21	61.815
########	851.8257	92.93143	588.4143	62.10572
########	851.6133	93.14	587.5667	61.50667
########	851.3734	92.62666	588.2733	62.5
########	852.38	92.22666	587.8067	62.17333
########	851.5867	92.92667	587.8289	62.16333
########	850.72	92.22666	588.26	62.58667
########	851.0178	92.25333	587.41	62.20889
########	852.4	91.87334	587.42	61.13667
########	852.3134	92.10667	587.0067	61.59333
########	850.3734	92.58666	587.4067	62.88
########	851.0733	91.08	587.0167	61.62
########	850.3367	92.57333	587.0133	61.75333
########	851.9067	91.52666	587.2133	62.18666
########	851.4733	91.87334	587.2333	61.42667
########	850.99	92.81333	587.0133	61.11166
########	849.76	92.58666	587.4933	60.8
########	850.3467	91.92	586.8233	61.70667
########	852.0267	89.71999	586.1333	62.18667
########	852.3867	89.64667	585.5756	61.15
########	852.8734	90.42667	586.44	62.52666
########	852.0067	90.90667	586.58	61.85333
########	851.5867	91.47334	586.2466	61.60667
########	852.18	90.94	586.5677	61.74
########	851.2466	90.66833	586.4767	62.11834
########	851.5634	91.33667	586.2533	62.10667
########	851.7733	91.31333	586.38	63.25333
########	851.1866	91.33667	586.33	61.89333
########	851.45	92.03667	586.37	62.29333
########	851.6133	90.96333	586.2533	62.15334
########	851.7067	91.03	586.7416	61.76833

########	851.4312	91.03	586.9183	61.7425
########	851.5433	90.985	586.8467	61.85
########	851.7067	90.82167	586.37	61.97867
########	850.8633	90.70667	586.07	61.89333
########	850.77	90.64667	586.3233	62.85667
########	851.4467	90.54333	585.8633	61.84666
########	851.7067	90.35	585.7467	61.98666
########	851.4933	90.63556	585.8633	62.15334
########	851.5634	90.45	586.2966	62.24667
########	852.1467	90.84333	586.4366	61.89333
########	851.4933	90.25667	585.8533	61.73
########	851.2367	90.87	586.0067	61.89333
########	851.3533	90.42167	585.84	61.89333
########	851.1284	90.96333	586.17	61.19333
########	851.12	90.24	586.3	62.04
########	851.08	90.82	586.22	62.28
########	851.54	89.98	586.24	62.10667
########	851.16	91.29	586.06	61.62
########	850.96	90.96	585.86	62.04
########	851.16	90.61	586.28	62.7
########	850.66	91.34	585.54	62.09333
########	850.91	90.61333	585.82	61.62
########	851.6133	90.28	585.58	61.92
########	851.44	90.64	585.82	61.96
########	850.38	89.88	586.03	61.85333
########	850.84	90.66	586.37	62.32
########	850.98	89.5	585.86	61.98
########	850.3533	90.68	585.62	61.52
########	851.16	90.25999	585.66	62.12
########	851.32	89.54	585.26	61.68
########	850.98	90.94	586.02	62.41
########	851.32	90.24	586.06	63.76
########	851.48	90.38	585.3	61.92
########	851.26	90.88	585.66	62.48
########	851.06	90.24	585.46	61.68
########	850.2	89.82	586.12	62.72
########	851.98	90.82	585.82	62.44
########	851.64	90.64	585.58	62.52
########	851.0967	90.62667	585.8085	62.74572
########	851.97	90.79667	585.4733	63.14833
########	851.3134	90.31333	585.4567	61.97333
########	851.2678	89.87	585.6733	62.76778
########	850.935	90.47667	585.5034	62.08667
########	850.6967	90.00333	585.6467	61.97333
########	851.6233	90.34666	585.8134	61.97333
########	851.4533	90.17333	585.77	62.42667
########	850.8483	90.32333	585.8734	62.37333

########	851.15	90.34222	585.4833	63.52333
########	850.6967	90.17333	585.8733	61.88667
########	851.0756	89.77667	585.4733	62.12
########	851.2267	90.00333	585.6467	62.35167
########	850.5267	90.97	585.6133	62.48667
########	851.2267	90.78833	585.6133	62.59667
########	851.3467	89.94334	585.76	62.815
########	850.6117	89.77667	585.5267	62.77
########	850.6117	90.17333	585.33	62.42333
########	851.2515	90.08	585.84	63
########	850.78	89.30334	585.6644	62.49333
########	850.6467	89.99333	585.42	62.09333
########	851.2534	90.58667	585.6067	63.43111
########	851.2534	90.14333	585.6467	63.48667
########	851.5067	89.7	585.57	62.57867
########	850.6666	90.80666	585.2133	62.29333
########	850.9933	89.48667	585.2733	61.99556
########	850.9267	90.10667	585.0734	62.38667
########	851.2933	90.21333	585.1467	61.79333
########	851.1467	89.79778	585.2867	62.45667
########	850.3	90.21333	585.42	62.83778
########	851.0978	90.36445	585.3334	62.54667
########	851.2933	90.88	585.22	62.38667
########	850.92	89.40667	584.7866	62.89333
########	850.4467	89.54267	585.08	62.54667
########	850.92	90.10667	585.2267	62.71
########	851.1067	90.21333	585.42	62.82
########	851.2289	90.65334	585.2267	62.71333
########	850.8867	89.97334	584.8533	62.67333
########	851.3067	89.39333	585.2267	62.09333
########	850.7433	90.05334	585.2267	62.60333
########	850.4867	90.29333	585.2367	62.49333
########	850.6086	90.45715	585.5167	63.18666
########	850.77	89.97	585.3066	62.63
########	850.89	89.79501	585.27	62.69
########	850.26	91.07	585.02	62.71
########	850.3367	89.81	584.98	62.83
########	850.97	89.93	585.21	62.87
########	851.36	90.72	584.46	62.735
########	850.7075	89.81	584.98	62.83
########	850.37	90.04	585.25	63.19
########	850.975	90.04	585.18	62.94
########	851.25	90.015	585.25	62.56
########	851.3543	90.38	584.98	63.23
########	849.94	90.18	584.42	62.83
########	850.66	89.97	584.58	62.67
########	849.8199	90.705	584.79	62.27

########	851.72	89.73	585.27	63.62
########	850.48	89.055	584.89	62.87
########	849.6943	89.31847	585.1829	63.26571
########	850.7257	89.09692	584.4446	62.80572
########	850.72	88.92667	584.3867	63.11333
########	850.9533	89.98	584.44	63.06421
########	851.0533	90.7	584.3667	62.92667
########	849.9733	89.44222	584.1066	64.72667
########	850.3734	89.67333	584.5867	63.74667
########	850.7733	89.27333	584.06	63.37333
########	851.0917	89.24167	584.7416	64.18333
########	851.7333	88.22916	583.9584	63.9875
########	852.075	87.81111	583.8667	64.37083
########	851.4917	88.91667	583.5375	63.75834
########	852.1666	89.28889	584.0667	63.31667
########	851.7667	88.99167	584.5833	63.975
########	852.1333	89.26667	585.0167	63.75834
########	851.9958	89.97083	584.4167	64.01667
########	851.8583	89.75833	585.2584	63.05833
########	852.1666	90.52708	585.6792	65.00833
########	851.0917	89.725	585.3333	63.66667
########	852.7417	90.125	585.2125	64.38333
########	852.4083	90.125	585.5167	64.34167
########	852.8083	90.76667	586.0333	64.73334
########	852.1333	90.89167	586.0667	64.9375
########	852.1208	91.44167	585.5167	64.03333
########	852.6833	92.56667	585.5333	63.75834
########	852.7556	91.48333	585.975	64.675
########	851.975	92.95	586.275	64.925
########	852.525	92.475	586.525	65.225
########	852.3	91.9875	585.75	64.8375
########	852.975	92.725	586.4375	65.025
########	852.975	92.39999	586.575	64.875
########	852.65	93.075	586.25	65.075
########	856.75	85.575	586.5167	64.225
########	847.9	93.35	586.625	64.7
########	853.95	93.775	586.975	65.6625
########	854.9125	91.35001	586.825	64.5375
########	853.4625	95.27499	587.175	64.9125
########	854.8625	93.625	588	65.2
########	852.65	94.6	588.05	65.4
########	858.975	94.625	587.5333	65.45
########	850.6125	93.9	587.25	67.075
########	854.575	93.175	586.95	66.9
########	855.45	94.975	587.6	64.275
########	852.65	99.325	588.1166	65.3
########	853.3	94.95	588.3375	65.325

########	852.075	103.025	588.625	65.8
########	852.7	95.47501	588.15	65.225
########	853.075	99.75	588.2	64.60001
########	852.95	93.25	587.725	65.4
########	853.175	94.125	587.925	66.0125
########	852.3111	87.33334	587.2333	65.275
########	862.975	90.97916	587.2083	64.98334
########	855.0833	98.35834	587.4417	65.26666
########	853.4333	93.73334	587.0333	64.71667
########	841.05	95.15	587.1667	65.275
########	859.1375	94.10833	587.4861	67.48333
########	861.7667	95.74167	588.1334	65.95834
########	854.9333	90.925	588.8333	64.925
########	854.5542	93.45834	588.7667	68.525
########	854.5333	97.075	589.1667	65.04166
########	855.1083	91.825	589.375	67.44167
########	854.5458	94.74166	589.175	64.925
########	849.4333	94.09167	589.4417	65.43333
########	854.0917	98.40833	589.325	65.725
########	863.7292	91.45834	588.7667	65.43333
########	866.5667	92.76666	589.0833	66.51666
########	856.7	98.8	589.8	67.7
########	851.4584	92.875	590.275	66.65833
########	856.8417	94.65417	590.5083	66.1375
########	858.3667	92.11667	591.05	66.35834
########	860.5167	93.94167	590.9167	65.275
########	858.425	97.31667	591.475	65.72916
########	860.3833	88.05833	591.125	65.86666
########	861.975	91.725	591.8917	66.825
########	848.0917	95.91666	593.075	67.48611
########	863.0583	95.34583	593.6917	66.71667
########	864.0167	94.95417	594.45	67.24166
########	858.5167	95.83334	594.875	65.15
########	857.1917	95.95834	594.7917	72.725
########	857.5125	95.39166	588.7416	66.99166
########	858.7667	83.83334	587.7278	70.15
########	858.8083	95.09167	587.2584	67.58055
########	857.8333	92.925	588.425	67.63333
########	859.1083	95.65833	587.8667	65.08334
########	864.0667	92.35834	588.2667	67.96667
########	859.1083	95.19167	588.0167	67.48889
########	856.3	95.375	587.8666	67.86667
########	860.0417	96.06667	588.625	68.34167
########	858.8458	96.94167	589.1167	67.45834
########	836.3583	97.525	589.1417	67.63333
########	858.1833	103.2917	588.5708	68.45
########	842.25	93.22501	587.425	68.9

########	859.35	101.4	588.375	67.825
########	852.425	97.025	588.525	68.225
########	852.2	95.425	587.5167	67.4
########	858.05	95.75	587.375	68.9625
########	854.55	94.325	588.4	69.8
########	852.7	99.3	588.625	71.1
########	855.775	96.325	589.775	69.1
########	850.575	97.25	589.55	67.5
########	857.1	96.15	589.775	68.6
########	862.4	100.75	589.35	68.25
########	853.4	100.2	589.6	69.7375
########	850.85	98.8	590.475	67.425
########	853.775	97.80833	590.1	68.775
########	853.8	98.575	589.1	69.4625
########	854.4	96.375	588.36	62.725
########	853.9333	100.9083	588.3917	68.525
########	856.425	95.875	587.875	70
########	853.9077	98.79615	589.15	67.575
########	853.9083	98.39616	588.9692	68.46667
########	851.4916	101.675	589.4583	68.61667
########	858.9167	99.075	589.0333	69.225
########	854.575	98.04166	589.4417	69.71667
########	853.3583	97.60833	588.1333	73.625
########	844.8583	98.43333	588.1167	68.875
########	854.0583	97.4875	588.9708	68.74167
########	854.0583	100.0583	588.475	60.425
########	853.175	97.15	588.2833	69.16666
########	854.025	95.29166	588.0833	67.20833
########	838.7833	100.6333	587.95	69.225
########	851.8583	111.3917	588.1556	67.15
########	860.325	93.60834	587.5833	69.1375
########	853.6917	95.10833	588.0667	67.425
########	853.5416	95.53333	587.7417	69.225
########	853.9833	94.49167	588.05	68.925
########	852.9917	97.7	586.875	69.38333
########	854.9972	94.98334	587.425	67.24167
########	853.2917	91.19167	587.5167	67.55
########	822.1583	96.96667	588.0833	69.71667
########	853.4445	95.38333	588.4833	69.18889
########	855.6714	99.54285	588.7857	69.09286
########	853.6917	96.52917	588.5416	69.16666
########	854.275	96.81667	588.1417	69.225
########	854.25	119.05	588.6143	68.12143
########	853.2333	98.86667	588.6333	68.46667
########	854.1583	95.475	588.6166	68.375
########	853.5667	97.825	588.45	68.375
########	848.5583	129.9083	587.7167	68.83334

########	864.325	90.95	587.625	69.40833
########	854.0583	96.90833	587.6833	69.01666
########	854.025	97.275	587.8417	69.04166
########	853.3583	96.96667	587.675	66.00417
########	854.3333	97.09167	587.3563	69.10833
########	853.9208	96.57083	587.3792	68.76666
########	853.4167	96.325	587.3083	69.44167
########	854.025	96.50833	587.15	68.125
########	854.275	96.54166	587.2611	68.43333
########	855.2833	96.66666	587.4583	69.38333
########	853.9333	72.49167	587.425	68.30833
########	854.8042	91.0875	586.1625	68.5125
########	854.9875	91.65	585.8917	69.53333
########	854.025	64.09167	586.7833	68.46667
########	853.6583	96.26667	587.6083	69.475
########	853.01	97.18	588.19	68.06
########	852.6866	97.51333	587.86	68.18
########	852.7933	96.89333	587.94	69.12666
########	852.3133	95.9	587.28	67.99333
########	852.9434	95.64667	587.1266	68.50667
########	852.5356	96.81333	587.2489	68.61333
########	853.3066	96.52	586.8533	68.28667
########	853.6	94.50667	587.0533	68.32
########	853.3044	95.31333	586.5733	69.09333
########	853.0867	95.03555	586.7467	68.02666
########	853.0134	95.38667	586.76	68.10667
########	853.0867	94.69334	586.32	67.80666
########	852.6067	95.9	586.8845	68.69334
########	853.12	94.8	586.6934	68.50667
########	853.0867	94.98666	586.1934	68.61333
########	852.9978	94.90667	586.5067	68.98666
########	853.0134	96.00667	586.4534	68.18
########	853.4933	95.14667	586.2333	67.99333
########	852.7933	95.35001	586.5467	67.88667
########	852.3133	94.69334	586.52	68.54333
########	852.2067	95.71333	586.2333	68.28667
########	852.6067	95.39	585.8867	67.80666
########	852.8655	95.78667	586.32	68.12334
########	852.4067	94.57333	586.1956	67.62
########	852.7233	94.62667	585.7867	68.09666
########	853.5242	93.52666	585.7867	68.49667
########	852.7267	94.09666	585.7756	68.40334
########	852.8033	94.27	585.96	68.57333
########	852.5883	93.89833	585.3566	68.49667
########	852.9567	94.23	585.5867	67.87333
########	853.03	94.68667	585.56	68.00333
########	852.6133	94.00333	585.6733	68.26778

########	852.3267	94.49667	585.3033	68.17667
########	852.3267	93.79333	585.6767	67.77667
########	852.8967	93.22333	585.33	68.62667
########	852.4467	94.08833	585.1633	68.71333
########	852.7267	93.13	585.0722	67.95333
########	853.135	93.065	585.435	67.79333
########	852.8967	92.07	585.1133	67.95
########	852.6984	93.235	584.5734	68.01333
########	853.07	93.02333	585.13	68.09666
########	852.7267	93.52666	584.9033	67.98666
########	853.03	93.61333	584.9517	68.00333
########	852.6133	93.065	585.2567	67.98666
########	852.7954	93.14842	584.8972	67.68858
########	853.11	93.78	584.94	68.34
########	851.86	93.13263	585.04	68.36
########	852.08	94.28	584.68	68.6
########	851.68	93.62	584.4	68.16
########	852.22	92.88	585.08	69.08
########	852.58	94.18	584.72	68.02
########	852.36	93.62	584.8666	67.54
########	852.36	93.62	584.84	67.72
########	852.46	92.8	585.04	67.42
########	852.78	92.84	584.76	67.66
########	852.94	92.22	584.28	68.31
########	852.36	91.74	584.72	68.54
########	853.08	92.04	584.52	68.48
########	852.42	92.71333	584.4743	68.21428
########	852.2648	92.55333	584.4686	68.30857
########	852.58	93.08666	584.44	67.93999
########	851.61	92.52	584.64	67.54
########	852.36	93.04	584.3	68.96
########	852.46	92.52	584.1	70.02
########	852.1266	92.65	585.1533	68.70667
########	852.2867	93.04333	584.43	67.91333
########	852.8533	92.76334	584.2933	67.16333
########	853.0659	93.60667	584.2834	68.17667
########	852.1467	92.90667	584.4233	67.175
########	852.4783	92.43667	584.79	67.65
########	852.2433	91.92167	584.215	68.17
########	852.0566	91.59333	583.8167	68.05333
########	852.5467	91.77167	584.34	68.70667
########	852.1933	93.18501	584.2166	68.215
########	852.5933	92.74333	584.3767	68.52167
########	851.9633	92.50667	583.9767	67.60667
########	852.7356	92.74333	584.13	67.98
########	851.975	92.29333	583.9767	68.44667
########	852.8067	92.15667	584.1116	68.67167

########	851.5634	91.94333	583.9467	68.31583
########	852.4067	92.29333	584.0533	67.42
########	852.3467	91.94333	584.1233	67.95667
########	851.0267	92.74333	584.1233	68.49333
########	851.8233	92.97334	584.3533	68.75333
########	852.08	92.17667	584.5867	68.7
########	852.0067	92.18	583.8734	67.67333
########	851.8516	91.80667	583.8533	68.17
########	852.8	92.18	583.7067	67.77333
########	851.8467	91.47334	583.92	68.17333
########	851.0533	91.71777	583.66	68.75333
########	851.8467	91.12666	583.8934	67.32667
########	852.3867	91.85777	583.3533	68.72667
########	852.0767	91.38667	583.3133	67.74667
########	851.4733	91.61333	583.4933	68.12333
########	851.5867	92.55333	583.5267	67.91333
########	851.3734	91.15334	583.5489	68.42667
########	851.9933	91.45333	583.5133	68.08666
########	851.4467	91.52666	582.8467	68.36333
########	852.3867	91.47334	583.2667	68.38
########	852.1533	90.42445	583.6867	67.28001
########	853.1533	90.42667	583.0933	68.40889
########	853.1266	91.45333	582.9933	68.28
########	852.1266	89.82	583.4867	68.12333
########	852.4867	90.74667	583.2867	68.17333
########	852.8467	90.07333	582.6266	68.77334
########	852.5267	89.79333	583.0167	68.75333
########	851.8467	91.1123	583.4733	68.94222
########	852.43	91.48	583.32	68.48
########	852.86	91.54	583.75	68.37
########	852.86	91.39	583.18	69.39
########	852.0699	91.57	583.52	68.44
########	852.82	90.83	583.4266	67.95667
########	852.79	91.18	583.32	68.06
########	852.43	90.55	583.68	68.17
########	851.47	91.22	583.12	68.235
########	852.18	91.54	583.52	68.84
########	851.87	91.93	583.48	68.17
########	852.3475	90.91	583.34	68.265
########	852.46	90.51	583.46	69.28
########	851.11	91.915	583.61	68.76
########	851.99	91.54	583.89	69.16
########	852.0699	91.78	583.74	68.37
########	851.76	91.25	583.28	68.49001
########	851.08	90.83	583.03	68.29
########	851.8675	92.17	583.03	69.05
########	851.815	91.99	583.225	68.52

########	851.72	91.65	583.2	68.06
########	852.43	91.57	583.48	68.68
########	851.055	91.845	583.11	68.44
########	852.43	91.18	582.98	68.226
########	851.1115	92.50857	583.34	69.08857
########	851.0978	91.31333	583.08	68.61333
########	852.0356	91.20667	582.6533	68.98666
########	851.5867	91.32889	583.1177	68.25
########	851.5867	91.60667	582.4933	69.09333
########	850.9933	90.95	582.6567	68.28667
########	851.2933	90.29333	582.4933	67.79333
########	851.1067	90.92667	582.84	68.90666
########	852.02	89.74	581.4866	68.74667
########	852.72	90.29333	581.9733	68.76666
########	851.9866	89.29666	581.74	68.90667
########	851.8933	89.40666	581.8867	69.35333
########	852.4377	89.19334	582.2267	69.57333
########	851.18	90.10667	582.4133	69.29333
########	852.2433	89.915	582.43	69.98833
########	851.9984	90.09556	582.37	68.91334
########	852.3867	90.08833	582.2389	68.315
########	853.2883	89.92333	582.9717	69.40083
########	851.3116	91.68999	582.4567	70.15667
########	852.77	90.30857	583.5771	68.55429
########	852.79	90.935	583.315	68.76
########	852.57	91.145	583.185	69.61
########	853.215	90.845	583.41	70.19
########	852.72	91.46	583.81	69.185
########	852.6984	92.285	583.8033	69.86
########	853.1175	92.42	583.63	69.68
########	852.405	92.49	583.885	69.405
########	852.61	93.135	584.3325	69.86
########	852.79	93.20499	584.035	70.685
########	853.51	93.165	584.47	71.275
########	852.7534	93.6875	584.145	70.08
########	852.9825	93.41	584.155	69.9125
########	853.6625	93.62666	584.42	70.21
########	852.812	93.2475	584.145	70.435
########	852.705	93.41	584.305	69.585
########	852.6886	93.11857	584.8832	71.33
########	853.105	92.985	584.29	70.19
########	856.295	92.695	584.1175	71.07
########	853.0925	109.885	584.235	70.6975
########	859.29	94.58	584.565	70.465
########	844.595	91.68	584.265	70.82
########	853.4067	76.595	584.84	71.18
########	859.1975	93.66	584.49	70.78

########	853.5067	96.67	584.5221	71.94666
########	854.0217	93.45333	584.4767	70.75333
########	846.1033	94.215	584.655	70.51083
########	853.6766	93.94666	584.7744	71.585
########	848.8083	97.50333	584.6766	71.42167
########	845.7383	94.12167	584.215	72.43
########	852.5217	94.20167	584.7533	71.96584
########	854.2567	95.73666	584.3775	71.525
########	853.7533	94.02834	585.0767	71.88416
########	850.6067	92.67166	585.67	71.355
########	853.4045	88.70889	584.8511	71.17867
########	850.3167	94.65667	585.115	71.15334
########	854.2683	94.77833	585.1234	71.53833
########	853.3533	93.04333	585.2383	70.90667
########	864.1133	95.21	584.6766	70.83667
########	853.6866	93.32286	584.9292	71.96857
########	865.33	103.4017	585.2108	70.84834
########	853.6288	95.98667	585.9859	72.04353
########	854.2675	98.485	585.1083	71.55167
########	851.8767	95.86917	585.665	72.18667
########	853.8267	93.835	585.7433	72.875
########	846.31	95.03834	585.3433	71.79
########	853.6866	96.61	585.3083	72.18667
########	854.7767	98.495	586.0133	72.41333
########	847.965	97.47166	586.17	71.74333
########	856.7333	95.81333	585.4333	77.11166
########	854.0461	96.53833	585.0433	71.93833
########	853.35	95.825	585.5433	72.415
########	853.2867	95.98667	585.7484	72.6875
########	853.1983	96.4175	585.4675	74.00166
########	840.9017	97.04333	583.95	74.225
########	852.3967	94.50166	585.3175	73.4375
########	850.815	98.59333	586.17	72.41333
########	851.86	97.16167	586.205	64.49667
########	856.185	96.98833	585.5783	72.41
########	854.5483	102.5667	585.3083	73.43833
########	854.3867	100.9083	585.4733	78.58833
########	854.2242	97.15833	585.63	73.42667
########	853.6866	97.465	586.7133	74.14834
########	852.0983	102.7917	586.1266	71.95333
########	857.2584	106.385	586.245	74.22501
########	853.52	98.65501	585.52	73.655
########	853.665	96.37	585.87	69.775
########	855.06	98.08	586.295	72.82
########	853.945	97.685	585.51	74.265
########	854.035	97.435	586.3	77.13
########	851.605	97.545	585.7325	73.865

########	855.89	98.6775	585.785	79.95
########	854.905	100.21	586.3925	73.635
########	854.2725	97.57	586.335	73.21999
########	853.6349	98.21	587.02	72.515
########	853.21	102.39	586.985	75.31
########	856.855	103.76	585.69	76.01
########	854.32	110.285	585.72	73.955
########	847.385	99.545	585.88	74.14
########	841.475	99.125	585.68	74.445
########	855.83	96.39	586.285	75.345
########	865.51	96.085	586.25	73.885
########	852.855	97.77499	586.575	73.885
########	854.245	99.145	587.27	73.67
########	854.1225	98.57	586.765	73.92
########	856.125	98.59	585.205	71.47
########	855.3725	98.045	586.08	73.83
########	851.95	98.18	587.5172	73.06737
########	843.4592	142.55	586.68	74.15
########	853.7546	98.58167	586.1583	73.37666
########	853.76	99.095	587.1767	73.99333
########	850.3784	105.835	585.4208	71.61
########	864.0167	96.51	585.7467	75.09333
########	856.8184	97.175	582.5284	75.44083
########	856.4766	93.42	586.4133	78.98
########	855.365	99.34333	585.2817	73.41
########	849.745	100.7817	586.335	74.11333
########	865.6533	100.9144	586.3583	74.21833
########	854.8284	97.86667	586.365	74.31499
########	857.0367	101.3033	588.0533	73.865
########	854.6183	99.11833	587.505	73.41
########	865.525	92.63166	586.87	76.22833
########	853.1917	96.26167	585.4208	75.625
########	854.475	100.4517	584.935	76.41833
########	856.9816	103.825	587.1067	75.35333
########	854.75	97.35333	585.4166	75.58666
########	849.2167	98.46167	586.295	74.60667
########	855.59	99.07166	586.67	74.04333
########	863.95	101.5983	586.1425	74.7425
########	855.91	103.3767	586.8016	73.93667
########	854.6117	99.685	587.5717	74.30583
########	853.0075	100.81	588.13	73.58833
########	853.8961	99.58833	587.1133	74.01334
########	853.115	98.54917	586.3717	74.10167
########	853.4866	99.02888	586.0417	74.60333
########	853.4866	96.85667	585.3566	74.58666
########	853.4866	98.23083	585.5867	74.1625
########	853.3911	97.78833	584.9984	73.29916

########	851.9984	99.51167	586.375	71.31167
########	851.8425	100.6458	586.97	70.88667
########	849.7254	102.1058	587.2717	70.385
########	850.1866	99.685	585.1117	71.81333
########	851.5711	95.61333	584.0117	72.38667
########	852.8883	93.81333	583.4434	73.82833
########	852.6984	94.04333	582.7416	74.20444
########	854.1075	92.71333	582.7433	72.91334
########	853.0328	93.215	582.63	73.00166
########	854.215	92.71333	582.17	72.81167
########	855.185	94.17667	582.4717	75.91
########	854.52	93.7	581.815	73.695
########	854.315	91.005	581.8375	74.505
########	853.9975	92.035	582.11	74.19
########	857.065	92.49001	582.42	74.01
########	855.305	95.695	583.2325	73.805
########	859.51	96.89	583.52	73.7925
########	850.795	80.9	584.145	72.635
########	853.78	94.91	584.49	72.87334
########	855.3267	97.37603	584.7067	72.8
########	852.1334	96.97334	584.9867	72.87333
########	853.4827	95.68667	584.8134	72.26334
########	852.7133	96.46	584.3067	73.30666
########	852.9534	97.04667	584.4666	72.98666
########	853.7067	95.67111	584.4133	73.41333
########	853.04	97.21333	584.8133	73.76
########	853.2267	97.32667	584.3666	73.52666
########	853.2	97.21333	584.1467	72.64
########	853.292	96.116	583.988	73.116
########	852.5267	97.47	584.24	72.8
########	852.7467	96.67333	584.2933	72.28667
########	852.4533	97	584.5067	73.25
########	853.3467	96.70334	584.09	72.94667
########	852.7534	96.15667	584.0167	73.45333
########	852.3533	97.25333	583.8633	72.54333
########	852.5734	96.87333	584.09	73.09334
########	853.1567	96.15334	583.52	72.24667
########	852.1733	96.05	584.27	73.49667
########	853.05	95.89667	583.32	72.69
########	853.3983	93.93222	583.4266	73.05
########	853.1967	94.25	583.0317	73.30666
########	853.09	95.05667	583.0367	73.38223
########	853.3467	93.70334	583.19	73.05
########	852.8267	93.69666	582.6633	73.05333
########	853.1567	95.09666	582.9833	74.46249
########	853.0634	94.14333	582.99	72.75667
########	853.0225	94.4781	583.0183	72.94667

########	852.995	94.76381	583.0433	73.05333
########	853.1367	94.29	582.8566	73.09334
########	853.4533	94.27167	583.005	73.11555
########	853.45	93.84666	583.0367	73.05333
########	853.0045	95.04	582.56	73.44
########	852.96	94.56	582.86	73.76
########	852.58	94.16	583.02	72.82
########	853.14	93.63	582.84	72.64
########	853.119	94.45428	582.9371	72.92571
########	852.96	93.52	582.12	72.74001
########	853.08	94.28	582.46	73.12
########	852.58	93.34	582.7466	72.64
########	852.96	93.96	582.64	73.24001
########	852.26	94.69333	582.04	73.36
########	852.32	93.56	582.68	72.88
########	852.0699	95.22	583.46	73.06
########	850.84	96.04	583.68	72.59333
########	852.1	96.14	584.14	73.52
########	851.47	94.98	583.4	72.56
########	852.6	94.96	582.12	72.14
########	852.18	93.28	582.56	72.62
########	852.58	92.96	582.68	72.77
########	852.6467	92.12	582.42	73.44
########	852.18	93.02	582.12	73.76
########	852.26	93.16	582.24	73.12
########	851.38	93.56	582.52	72.03
########	851.84	94.58	582.16	73.04
########	852.28	92.42	582.58	72.26
########	852.26	92.38	581.86	72.64
########	853.24	91.04	581.36	74.08
########	853.1884	91.34	580.86	73.06
########	852.9034	91.875	581.0933	72.645
########	852.9204	92.055	581.1266	72.99333
########	852.2329	92.40666	581.7967	73.18833
########	852.1367	91.11333	581.12	72.54667
########	852.8734	91.91	581.855	73.18166
########	853.19	92.58666	581.315	72.43833
########	852.5117	92.24416	582.0067	72.52333
########	852.85	92.2	582	73.9
########	852.5	93	581.7	73.2
########	852.9117	91.91167	582.3784	72.80667
########	852.905	91.905	581.5084	72.99667
########	852.8734	92.22666	581.8934	72.645
########	852.7623	91.55	581.71	72.13667
########	852.8734	92.97334	581.6383	73.18667
########	851.8367	92.61333	581.31	73.18666
########	852.8867	92.57667	581.7022	72.52333

########	852.8956	93.24001	581.6934	72.87733
########	853.19	92.96333	581.9517	72.80667
########	852.7695	92.57667	581.99	73.19384
########	851.4489	92.36	581.3267	72.59333
########	852.8734	91.76444	581.5267	73.52666
########	852.4467	92.25333	581.8734	73.18222
########	851.8933	92.8	581.8734	74.15334
########	852.1266	93.20667	581.3533	72.59333
########	853.0134	92.45333	581.99	73.14667
########	852.8734	91.17333	581.6033	73.12333
########	852.5533	92.16	581.7267	73.22667
########	851.82	91.55334	581.9378	72.76
########	853.1689	91.20667	581.62	72.64
########	853.0134	91.3	581.5533	72.54
########	851.4933	92.65334	581.5667	73.29333
########	851.97	92.94666	581.6823	72.97334
########	852.5267	91.3	581.4733	73.14667
########	853.18	91.55334	581.5933	73.57333
########	852.8734	91.55334	581.2133	73.18666
########	852.8467	91.84666	581.2466	73.80667
########	852.7534	91.3	581.4467	73.82667
########	852.4067	92.50667	580.7466	73.63556
########	852.6494	92.05333	581.1266	73.54666
########	852.1533	92.05333	581.42	73.29333
########	852.5533	92.8	581.0733	73.80667
########	852.6028	92.12286	581.1266	72.19333
########	853.07	92.49	580.83	73.48
########	851.85	91.99	581.22	72.92
########	853.11	92.27	581.255	72.84
########	853.1775	91.78	581.78	73.24
########	852.57	91.44	581.04	73.305
########	852.22	92.39	581.24	73.855
########	852.62	91.62	581.185	73.36
########	852.78	91.62	581.85	74.23
########	852.99	91.22	581.17	73.69
########	852.745	91.33	581.22	73.69
########	852.99	91.57	581.07	73.48
########	852.34	92.39	580.69	73.13
########	852.62	91.87	581.36	73.54
########	851.845	91.955	580.885	73.34
########	852.6867	91.52666	581.1733	73.57333
########	852.745	91.57	580.83	73.48
########	852.22	91.67	581.46	73.04
########	852.7457	90.83	580.95	73.97
########	852.78	91.99	580.925	73.32
########	852.62	91.17	581.37	73.57
########	852.99	91.32667	580.95	73.705

########	851.652	91.644	580.908	73.34399
########	853.06	91.61333	581.2867	73.01334
########	852.8734	91.17333	581.2734	73.73666
########	852.6867	91.77556	580.5267	73.41333
########	852.5267	91.52666	580.5867	72.87333
########	852.1933	91.33667	580.7233	73.92667
########	852.1	91.87333	580.7142	73.97334
########	852.535	91.26	581.12	74.08
########	852.82	90.7	580.56	73.24
########	852.99	91.14	581.2466	74.44
########	853.08	91.96	580.4534	73.34
########	852.42	91.04	580.78	74.08
########	853.06	91.0723	580.02	73.5
########	852.9055	90.76801	580.8873	73.672
########	852.74	91.18	580.86	73.56
########	852.82	91.96	581.04	73.28
########	852.82	91.75999	581.2	73.10001
########	851.7	91.96	581.04	74
########	852.58	91.34	580.76	75.1
########	852.18	91.04	580.54	74.38
########	852.7629	91.10857	581.04	74.06
########	852.3755	91.06333	581.2633	74.31333
########	853.5767	90.78667	580.5978	75.75
########	852.9233	91.48666	580.1311	74.845
########	853.2067	89.73	580.8508	74.69333
########	853.5939	91.48167	580.2117	74.31167
########	853.8033	91.26278	580.4067	74.995
########	853.9933	91.08167	580.9034	74.995
########	854.1592	91.14417	581.0958	75.79667
########	853.2183	91.09416	581.49	75.78167
########	854.295	92.58833	580.21	74.31167
########	854.0117	91.89333	581.11	74.98167
########	854.295	92.225	582.0525	73.91833
########	852.9183	92.98666	581.8934	74.71166
########	854.0092	93.28167	581.6967	74.71166
########	853.6067	92.20667	582.0475	75.04417
########	853.2183	92.975	581.9984	75.01334
########	853.5941	93.28834	582.5966	75.76833
########	853.195	93.28167	582.1967	73.94334
########	853.9817	93.71166	581.8934	75.53111
########	853.9728	94.08167	582.3917	74.70499
########	853.6066	94.09333	582.775	75.87055
########	853.7966	93.49667	581.905	74.325
########	853.6117	93.02333	582.4984	75.79333
########	853.6066	94.78834	582.5933	75.74416
########	854.675	93.71833	582.0133	75.79333
########	854.9637	93.56223	582.3017	75.00667

########	855.0566	93.68166	582.59	75.66444
########	855.4558	87.99001	582.9525	75.9475
########	854.6934	95.54333	583.005	76.30333
########	854.8	94.11166	582.99	76.88667
########	860.6234	90.66334	583.095	75.81834
########	854.0233	96.275	583.0084	76.88667
########	855.0267	94.11833	583.3016	76.88667
########	854.5083	90.09834	583.3016	76.10667
########	855.2216	95.27333	584.0966	76.51167
########	854.9467	89.955	583.73	75.905
########	854.935	95.53	583.64	76.56
########	839.46	98.11	583.87	76.12
########	859.97	93.77	583.78	76.325
########	855.07	86.27	583.22	76.93
########	858.38	95.96	583.73	76.56
########	853.12	96.455	583.93	76.4475
########	854.815	96.57	584.0583	77.25999
########	854.255	97.99	583.865	76.565
########	857.32	96.94	583.84	76.9225
########	857.055	96.06	584.495	76.945
########	857.125	96.675	583.695	77.96
########	850.305	96.465	584.365	76.5825
########	853.54	94.925	584.57	78.935
########	854.64	96.135	583.945	77.9175
########	854.76	97.75999	584.07	77.88
########	854.1725	97.105	584.71	77.11
########	854.255	92.045	584.355	76.78
########	857.34	94.895	584.705	76.56
########	849.96	90.74001	584.26	74.23
########	837.985	98.37	584.755	82.59
########	848.6	100.36	583.64	77.66
########	843.48	97.61	584.115	78.33
########	854.595	97.165	584.385	73.745
########	853.22	97.03	584.46	78.165
########	854.64	97.505	584.125	83.3
########	863.54	119.92	584.155	74.69
########	853.26	95.665	583.835	77.94
########	853.66	97.61	583.785	83.435
########	822.15	100.8	584.485	77.77
########	834.365	89.415	584.535	77.6825
########	856.51	97.8675	584.005	78.525
########	854.36	99.035	584.265	79.205
########	854.42	97.67	584.57	78.42001
########	856.035	96.995	583.33	79.145
########	853.63	99.02	584.0725	78.1725
########	847.73	93.91	584.1425	76.635
########	855.14	95.365	584.155	77.87

########	849.42	97.865	583.73	79.04
########	856.245	95.29501	584.205	78.75999
########	850.62	102.2225	583.76	82.97501
########	857.8567	97.97	584.8914	81.90572
########	863.5733	97.09167	584.3783	79.05167
########	855.5817	93.24333	584.3117	78.82667
########	855.1783	100.6317	584.0025	78.78555
########	852.2433	100.1733	583.3925	78.55334
########	856.8283	97.69666	583.6367	80.915
########	854.0783	93.48	583.7634	75.695
########	853.01	98.57834	584.8633	78.82667
########	840.73	105.6883	584.5267	77.71083
########	843.72	97.96333	584.1317	79.3525
########	854.625	96.925	584.3267	76.04
########	854.5733	100.43	584.8217	80.26083
########	855.8917	98.68667	584.39	79.32166
########	865.2233	95.49333	584.1463	79.91084
########	864.5983	100.6517	584.61	78.82667
########	849.4217	100.43	584.7883	79.195
########	853.16	105.2133	584.8517	69.795
########	848.355	98.52333	584.1439	80.36833
########	854.8741	100.5183	584.4633	80.66667
########	854.5734	93.26167	584.3755	79.85166
########	850.6467	100.5183	584.6683	79.10333
########	855.4917	98.175	584.1033	79.02417
########	845.055	100.925	584.4634	79.67333
########	857.8383	95.68834	584.1608	80.84834
########	848.5767	102.5517	584.0417	79.32166
########	854.9017	97.95333	584.7266	80.07333
########	862.12	97.77333	585.61	79.99333
########	854.4033	99.915	583.9067	76.30833
########	860.145	100.8683	584.7516	79.82333
########	854.4434	100.4267	584.4417	79.715
########	856.755	101.95	584.4317	79.32166
########	850.5783	92.57333	584.5033	81.29833
########	853.975	94.145	584.135	75.56834
########	856.9717	97.93	584.71	79.63167
########	855.5933	101.6067	584.645	78.71333
########	855.9317	99.12667	585.1617	79.59333
########	854.8683	99.17667	584.7933	79.59778
########	855.9683	94.925	584.3033	79.69667
########	857.6733	96.94	584.055	80.83833
########	870.9417	98.645	583.62	80.08417
########	840.1067	96.80333	584.1742	81.73334
########	855.7867	95.65833	584.165	80.31
########	855.6067	99.40666	584.7033	80.46333
########	858.7733	99.93833	584.5194	79.81333

########	855.6067	100.1683	584.1839	79.60667
########	864.2267	87.35166	583.8517	80.16167
########	825.2717	99.03167	584.7683	76.36667
########	855.2683	99.33167	584.0034	81.90166
########	852.9583	103.215	583.3967	79.23167
########	855.0617	99.40666	584.2291	80.175
########	856.4767	108.5442	584.1241	74.455
########	854.6033	98.11333	584.1417	80.67
########	847.365	46.3925	585.045	81.185
########	857.27	98.99	584.275	80.7275
########	854.994	102.372	584.2845	79.87637
########	859.15	104.73	584.25	79.485
########	864.57	136.89	583.84	78.785
########	847.385	99.39	584.415	79.415
########	855.33	99.97	584.135	79.73
########	855.295	99.655	584.265	80.29
########	855.68	99.795	583.58	76.50999
########	855.7183	101.345	584.295	80.3775
########	855.6075	99.32	584.3125	80.395
########	855.92	93.935	584.155	79.415
########	855.66	98.36	583.605	79.92
########	854.44	99.8275	583.64	79.205
########	855.03	99.6725	583.89	76.7
########	855.0067	100.18	583.57	79.345
########	854.685	99.46	584.025	79.92
########	855.3184	99.13	583.88	79.87
########	854.56	99.34	583.69	79.54
########	854.9166	99.3	583.8333	79.66666
########	854.5667	98.6	583.6334	78.93333
########	854.0286	98.92307	583.7	79.83333
########	854.9667	98.13889	583.5667	79.61667
########	854.05	99.31667	583.4667	79.73334
########	854.225	99.71667	583.4667	78.96667
########	854.1167	99.43333	583.1666	78.18333
########	854.25	97.95	583.4333	80.01666
########	855.2167	98.68333	583.4167	78.81667
########	854.2333	99.01666	583.0833	79.225
########	854.2167	98.96667	583.1833	80.2
########	855.1083	97.98333	583.0167	78.81667
########	854.5333	96.78333	582.5667	78.66666
########	854.1167	97.03333	583.05	79.325
########	853.7833	97.11667	583.4167	79.50833
########	854.275	98.61667	583.4167	79.35
########	855.8666	96.81667	582.8333	79.03333
########	854.6667	97.06667	582.5667	78.81667
########	854.05	98.68333	582.1	79.21667
########	854.2167	97.26667	582.4333	79.15

########	854.9667	97.64166	582.0834	79.95
########	855.55	97.45	582.7167	78.97222
########	854.6334	97.26667	582.1	79.15833
########	854.05	96.69167	582.5333	80.01666
########	854.1833	97.33334	581.85	79.35
########	854.7667	96.48334	582.2889	77.9
########	854.4833	96.35001	582.1167	79.15
########	855.0945	96.59167	581.9708	79.68333
########	854.7	95.9	582.5714	79.15385
########	854.3	98.1	581.7	79.8
########	854.7	96.6	582.4	80.2
########	855.4	97	581.8	79.4
########	853.6	96.6	582.05	80.2
########	854.7	97.4	582	79.4
########	854.3	96.66667	582	79.4
########	854.4333	98.1	582	79.8
########	854.3	96.6	581.3	78.7
########	854	98.1	582.2	79.1
########	854	95.5	581.7	79.1
########	853.6	96.3	581.6334	79.06667
########	853.2	97	582	79.53333
########	854	97	581.3	79.4
########	854.3	95.9	581.9	79.175
########	854.2	96.3	581.5	78.3
########	854.15	95.2	581.3	78.3
########	854	95.5	581.9	79.25
########	853.6	95.9	581.7	80.2
########	853.6	96.6	581.3	78.92105
########	854.125	95.63333	581.6334	78.48334
########	854.2833	96.48334	581.6833	79.125
########	855.2167	96.35001	581.4	79.61667
########	853.85	95.53333	581.4333	79.56667
########	854.0583	96.27778	581.0917	79.73334
########	853.3334	96.35001	581.5333	78.76666
########	855.2833	95.83334	581.4166	79.35
########	854.05	95.96667	581.5167	80.45
########	854.175	95.66666	581.7333	80.13333
########	854.85	95.31667	581.7833	78.63333
########	853.3334	95.25	581.4667	80.06667
########	853.7167	95.78333	581.4667	79.03333
########	854.1166	96.58333	581.3333	80.01666
########	853.6583	95.45	581.8055	79.81334
########	854.1833	95.31667	580.7167	79.73333
########	854.6333	96.41666	581.15	79.15
########	854.6334	95.25	581.2167	80.26666
########	855.15	94.21667	581.7889	80.03333
########	854.5889	95.73334	581.8833	80.26666

########	854.25	95.84167	581	79.46667
########	853.9333	95.52222	581.2667	79.63334
########	853.7167	96.35001	580.9667	79.68333
########	854.05	95.25833	581.5333	79.73334
########	853.7454	96.58	581.14	79.56
########	854.1167	96.48333	581.6667	79.88333
########	854.4667	96.03333	581.3	79.93333
########	853.3334	95.76667	581.2333	79.2
########	854.0667	96.03333	580.7	79.16666
########	854.1	95.06667	580.8333	79.43333
########	853.9333	95.66666	580.8666	79.93333
########	854.2	95.72222	580.9	79.3
########	854.2667	95.66666	580.8222	79.53333
########	854.2333	95.8	580.9333	79.76667
########	853.8917	96.16667	581.4333	79.93333
########	854.1167	95.8	580.8667	78.96667
########	854.2	96.23333	581.2333	79.21667
########	853.7333	95.43333	581.1666	79.62222
########	854.2	94.66666	581.0333	79.83333
########	853.3066	95.7	580.6692	79.64999
########	854.0461	96.10001	580.95	80.33846
########	853.2444	96.23333	580.9	80.26667
########	853.8666	96.13333	581	79.43333
########	853.3334	95.43333	580.7444	79.66667
########	853.7333	94.76667	580.9	79.15556
########	853.6714	95.16154	580.5333	79.92308
########	854.55	95.15	580.65	79.68333
########	853.6	95.7	580.65	79.60001
########	854.1166	95	580.45	79.275
########	853.4	95.15	580.85	80
########	853.8	95.27499	580.725	80.35
########	853.7	95.15	580.5	79.625
########	853.5	94.8	580.1	80
########	854.15	95.45	581.05	79.9
########	853.8	95.15	581.1	79.60001
########	853.45	93.95	580.95	80.1
########	853.75	95.725	580.4	79.64999
########	854.15	94.8	580.65	80.325
########	853.95	95	580.75	79.95
########	853.7833	94.60001	580.3	80.13333
########	853.6	95.55	580.5333	79.6
########	853.6125	95.35001	580.3	80.35
########	853.25	95.27499	580.6	79.60001
########	853.7	96.10001	580.75	80
########	853.2516	94.7	580.4286	80.02857
########	853.8666	95.76667	580.4	79.9
########	853.4667	95.4	580.6833	80.06667

########	853.95	94.95	580.95	79.95
########	853.4	95.55	580.5	80.1
########	854.1	95.45	580.4667	80.03333
########	853.7333	95.4	581.0333	80.25
########	853.3834	95.06667	580.4667	80.03333
########	853.2667	95.16667	580.4667	80.86666
########	854.2	94.06667	580.2	79.56667
########	854.3333	93.96667	580.85	79.92223
########	853.5667	94.85834	580.4	80.26667
########	853.4667	95.16667	580.1334	79.66666
########	853.6666	93.93333	580.4333	80.26667
########	854.5333	94.53333	580.2667	79.93333
########	853.7333	93.96667	580.4667	80.13333
########	855.0111	94.9	580.2667	80.45
########	854.1	94.53333	580.4	79.66666
########	853.4667	95.3	580.7333	80.73334
########	854.2	94.58334	580.3778	80.56667
########	853.8333	95.06667	580.3	80.26667
########	853.0167	95.16667	580.5333	79.83333
########	853.5555	96.76667	580.4	80.3
########	853.3666	96.03333	580.4	80.03333
########	853.8667	95.03333	580.2667	80.38333
########	853.6923	94.82858	580.3693	80.3
########	853.7167	94.09167	580.7	79.94584
########	853.85	94.46667	580.05	81.48333
########	854.7917	93.88333	580.3667	79.73334
########	854.1167	94.15	579.75	80.38333
########	854.9166	94.4	580.3167	80.31667
########	853.6917	95.78333	580.1	79.86667
########	853.7833	94.28333	580.4833	79.46667
########	853.54	95.36182	580.3686	80.14
########	853.425	96.135	580.2767	80.215
########	853.17	94.86	580.54	81.88
########	854.4025	94.355	579.745	80.245
########	854.195	96.18	580.54	80.29
########	853.2967	96.5325	580.57	79.905
########	853.425	95.675	580.51	81.32
########	853.88	94.83	580.345	79.905
########	852.6984	96.24001	580.96	79.905
########	853.765	94.975	580.51	80.455
########	854.045	92.625	579.97	80.31499
########	854.0525	93.105	579.685	81.66
########	854.36	94.74001	579.755	81.05
########	854.595	93.465	579.785	81.185
########	854.3036	94.17616	579.495	80.41
########	854.6884	93.71166	580.59	80.50389
########	854.005	94.81167	579.795	79.79333

########	854.2084	94.2475	580.2983	81.98666
########	854.295	96.58833	580.1967	81.50833
########	853.5883	95.15584	580.585	79.425
########	855.075	94.11833	580.59	81.59666
########	853.8033	94.2525	580.0034	81.195
########	854.3066	94.81167	579.7983	81.21833
########	854.3066	95.48833	579.4355	82.28834
########	855.0933	94.81167	580.1934	81.21333
########	854.295	94.79333	579.995	80.50667
########	854.6934	95.18166	580.1917	81.98666
########	854.0233	96.55833	580.79	81.58167
########	854.0183	95.89667	580.4017	80.89333
########	854.3184	95.18166	580.6983	80.53
########	853.63	95.48167	580.2689	80.22333
########	853.6066	95.51334	580.2033	81.58167
########	855.0933	95.20499	580.21	81.19416
########	855.0817	95.50667	580.0067	80.50667
########	855.0867	96.595	580.795	81.12375
########	853.9933	96.98833	580.6655	82.28167
########	854.6942	96.61833	580.4067	81.20667
########	854.0983	95.59308	579.8729	81.82714
########	853.6116	96.29636	580.7966	80.91167
########	854.6808	96.29333	580.1242	80.53
########	854.5717	96.355	579.92	80.77167
########	855.155	95.00167	580.5633	81.34666
########	851.36	95.40166	580.0367	82.86333
########	855.4733	94.22833	580.435	81.67333
########	854.2017	96.87167	580.1633	82.02389
########	854.4467	96.545	580.2017	82.1225
########	856.445	93.86166	580.11	82.62666
########	857.7283	95.73167	579.9633	83.72667
########	842.4383	93.57166	580.5817	83.72667
########	852.6617	97.30833	581.01	83.80334
########	857.145	95.86333	580.8394	83.47334
########	856.3184	95.53333	581.5367	82.10083
########	855.3566	99.325	581.755	84.53667
########	854.6266	98.62833	582.3633	82.62666
########	851.2383	89.81	582.4717	82.50167
########	845.1517	99.76833	582.8167	83.02666
########	858.15	99.655	582.1725	84.12666
########	855.5467	98.42667	582.49	84.24333
########	854.7146	100.8717	583.21	82.22263
########	853.34	102.515	583.235	82.265
########	856.325	98.8275	582.1025	82.31499
########	859.21	96.025	581.52	83.085
########	841.07	99.775	581.83	84.43
########	864.245	96.575	581.895	84.395

########	854.82	98.605	583.195	82.79501
########	854.91	99.845	583.245	84.0075
########	854.1925	99.79	582.54	82.825
########	855.66	98.765	583.23	83.555
########	854.105	100.17	583.89	83.155
########	856.325	101.905	584.53	80.955
########	854.96	102.955	582.715	84.655
########	844.635	104.4	582.11	85.04
########	855.015	100.43	582.015	83.68
########	864.53	99.33125	582.53	83.92
########	858.03	105.955	582.9567	83.62
########	857.375	101.855	582.995	83.67751
########	851.91	102.27	581.5267	82.095
########	857.875	101.33	582.155	77.98
########	856.0075	101.77	581.43	88.215
########	854.715	96.615	583.1716	88.46
########	851.0025	97.9625	582.4867	84.115
########	862.81	95.625	582.07	84.375
########	855.43	98.225	582.47	85.825
########	855.7867	99.21333	582.3033	82.86833
########	853.5458	99.56167	582.51	84.175
########	861.0233	95.39	581.9517	83.59334
########	855.9683	100.25	582.5933	83.11222
########	856.67	96.9875	581.3967	84.345
########	854.8317	101.7017	581.39	85.43167
########	861.4083	93.55334	581.9417	83.81333
########	855.4383	99.79166	582.5483	84.42834
########	855.6075	104.865	581.7416	84.13834
########	855.6308	101.6517	582.2617	84.2775
########	851.51	102.7517	582.6967	84.70667
########	845.7317	101.3767	581.7967	85.10667
########	857.8433	97.325	581.9517	85.455
########	855.9033	98.825	582.155	85.10667
########	859.1229	98.39384	583.6543	82.15714
########	854.8817	101.6217	582.105	85.11833
########	859.5583	98.5475	582.6833	87.06333
########	856.048	99.59389	581.918	85.52167
########	855.4457	97.87857	583.1614	87.47714
########	855.6683	103.7467	582.3934	85.395
########	855.5433	99.47333	581.9783	87.575
########	860.475	101.0683	582.61	85.65166
########	855.305	97.26667	581.0967	83.65334
########	856.405	101.6567	583.1633	84.42166
########	855.6534	98.35667	582.19	88.25833
########	854.4434	105.5067	582.0634	85.16334
########	856.2233	103.95	582.9291	84.84834
########	855.325	100.5017	582.2734	85.17333

########	856.0217	100.225	581.6483	84.2475
########	857.2684	96.54333	582.5466	84.62667
########	856.535	100.5217	582.6217	85.07417
########	855.0517	94.80334	582.9517	84.79333
########	864.195	99.56833	582.5383	84.77
########	856.405	100.5733	581.9217	84.76334
########	857.6241	100.5017	582.8734	83.18834
########	854.8483	100.835	582.2417	84.56333
########	855.515	102.7017	582.1367	85.85333
########	864.29	98.67	581.5734	85.17333
########	855.5783	100.53	581.2983	84.64333
########	856.8834	101.4917	581.9783	83.155
########	857.295	110.425	581.945	84.305
########	856.605	99.305	583.025	84.84
########	856.6783	98.22667	582.105	84.54833
########	857.565	68.59	582.1458	85.31429
########	858.965	113.715	581.87	84.96
########	856.84	99.7475	581.465	84.8475
########	855.1675	104.275	581.865	83.46
########	856.995	90.72501	582.125	84.4775
########	858.435	104.31	581.915	83.03
########	852.89	105.64	582.23	85.495
########	853.225	101.955	583.225	85.555
########	855.235	100.065	582.295	84.84
########	856.195	103.645	581.925	85.835
########	855.355	99.785	581.24	85.555
########	854.865	99.52	581.47	86.875
########	855.145	98.205	581.655	85.225
########	855.04	99.7725	581.53	84.305
########	854.42	100.03	580.77	84.455
########	855.205	98.975	580.91	85.73
########	854.64	98.325	581.33	85.18
########	855.1675	98.265	580.3825	85.24001
########	856.0107	97.52061	580.3925	84.52254
########	855.673	97.03667	580.49	85.59
########	855.7543	98.97143	581.4877	84.46571
########	855.39	99.33778	580.9067	84.88667
########	854.7367	99.17667	581.1067	84.85
########	855.0867	99.88167	581.1067	83.81834
########	855.74	96.66333	580.89	84.49
########	855.7767	97.76167	580.2067	84.47667
########	855.7867	97.19334	579.9017	84.49
########	855.1233	97.02333	581.2833	86.64
########	853.6233	99.87667	580.7033	84.93667
########	854.7133	99.57333	580.8033	84.52666
########	856.1633	98.48666	580.8011	83.80467
########	854.7367	99.55	580.6066	83.825

########	854.3617	99.18667	580.4133	84.18666
########	854.7233	99.53833	581.1133	84.56333
########	854.6884	99.22333	581.2833	83.93778
########	855.75	98.53667	580.4233	85.59
########	854.3133	98.13667	580.6066	84.51334
########	855.245	97.95778	580.4233	83.83667
########	854.7067	96.97667	580.1767	84.49
########	855.0617	97.33833	580.0711	84.88833
########	855.11	98.46333	580.1356	84.22333
########	855.8233	97.95778	580.1867	84.18666
########	855.0617	97.37334	580.0967	84.49
########	855.9624	98.47334	580.29	83.81167
########	855.18	97.5	580.16	84.58
########	855.06	97.59	580.1	84.76
########	856.43	97.46	580.06	84.23
########	854.78	97.14	579.73	84.44
########	855.56	97.93999	579.84	85.36
########	854.72	97.96	579.76	84.42
########	855.66	97.46	579.56	84.25999
########	855.16	97.86	580.04	84.32
########	854.14	97.08	579.72	84.44
########	854.7467	96.68	579.74	85.19
########	854.56	97.32	579.9	84.43
########	855.69	96.48	579.6	84.22
########	855.02	96.68	579.9	84.36
########	854.06	96.92	579.88	84.52
########	853.96	97.08	579.54	84.25999
########	855.44	96.44	579.36	84.54
########	853.96	95.94	579.42	84.54
########	854.6457	96.65429	579.8629	85.74
########	854.88	96.76	579.5327	84.58
########	854.9967	96.85333	579.3566	84.39
########	855.0267	96.505	579.3734	84.67834
########	855.3633	97.14667	579.595	84.405
########	855.155	96.85333	579.12	84.71333
########	854.8467	96.87333	579.4833	84.79333
########	855.0267	96.10167	579.5634	85.68111
########	854.8867	96.10167	579.6166	84.58444
########	855.1434	96.74333	579.5634	84.90334
########	855.21	96.85223	579.1033	85.17333
########	855.2717	97.07333	579.31	85.08666
########	855.6533	96.37833	579.3845	84.39
########	855.25	96.49	579.2466	85.22667
########	854.0367	96.99667	579.1033	85.30334
########	854.8467	96.70333	579.3633	84.62667
########	854.5734	96.87167	579.08	84.07333
########	854.4467	96.49	579.1733	84.39

########	854.9533	97.84333	579.9266	85.15334
########	855.25	96.30334	579.5634	84.64667
########	854.66	96.15334	579.5734	84.79333
########	854.7733	97.14667	578.8578	85.00667
########	855.5783	96.15334	578.4733	84.09667
########	854.9967	96.05	578.92	84.67834
########	854.7367	96.92667	579.2266	84.97334
########	854.9771	96.87714	578.8467	84.70631
########	854.5367	96.67333	579.1933	84.43
########	855.1317	96.69333	578.98	84.71333
########	855.1667	96.46	579.24	85.46
########	855.24	97.58666	578.9133	85.22667
########	855.6289	96.41334	578.8867	84.94666
########	855.2133	96.27333	578.9133	85.37
########	854.28	96.81333	579.1266	84.80667
########	854.9133	96.88667	579.4733	84.78667
########	855.0734	97.16667	579.1933	84.92667
########	855.26	96.48667	579.5133	85.41334
########	855.0289	97.33778	579.5933	85.78667
########	854.6733	97.21333	578.6467	85.90667
########	854.5867	96.74	579.42	84.78667
########	854.5133	96.92667	579.1044	84.52666
########	854.5	96.42001	579.0333	85.56
########	854.7266	97.18667	578.6467	85.17077
########	854.62	97.415	579.6467	86.08
########	855.72	97.14	579.46	85.16
########	855.34	96.68	579.46	84.66
########	854.3457	96.02572	579.2371	85.35077
########	854.9567	97.55	578.7733	85.74667
########	855.5033	96.99667	578.9717	85.85333
########	855.6533	96.6976	579.2477	86.14667
########	856.0533	96.53667	579.2266	86.14667
########	854.5533	96.74667	579.4633	85.34333
########	855.3566	96.85333	579.5533	85.395
########	855.9984	97.00333	579.01	85.83222
########	855.29	96.41	579.04	85.85333
########	855.3967	96.49	579.6266	86.25333
########	855.195	97.05167	579.67	86.84333
########	855.2717	97.12833	579.5734	85.45
########	854.9967	96.89333	579.3533	85.92667
########	854.5933	98.09666	579.69	85.70334
########	855.5467	97.51	579.2266	86.27333
########	855.6133	96.49	579.0633	85.70334
########	855.4811	97.23222	579.2266	85.74333
########	855.65	97.21778	579.3734	85.89333
########	855.9067	97.075	579.1733	85.96445
########	855.1434	97.40334	579.2755	85.74667

########	855.6133	97.25333	579.12	86.84666
########	855.305	97.59	579.2067	85.99667
########	854.9533	97.14667	579.945	85.55667
########	855.6934	96.41	579.2633	86.51
########	855.6534	97.55	578.8834	85.55667
########	855.6533	97.14667	579.5734	86.44333
########	855.25	98.42667	579.1733	85.85333
########	855.1655	96.96	579.2633	85.74667
########	855.5467	96.15667	579.4266	85.34333
########	856.39	96.74667	579.0467	86.28333
########	855.155	97.25667	579.2366	86.25333
########	855.29	97.95333	578.71	86.23666
########	855.195	97.95333	579.2633	85.74333
########	855.5467	98.03584	579.105	86.44333
########	855.4733	97.10111	579.7389	85.49
########	855.6133	97.10667	578.9534	85.96445
########	855.0517	96.15667	579.81	86.65667
########	855.7267	97.14667	579.2578	86.40334
########	855.21	97.14667	579.2466	85.81333
########	854.5734	97.14667	579.2853	86.35111
########	855.3145	98.94333	579.0817	86.59
########	854.8284	97.84666	579.0467	86.84333
########	855.3725	97.29666	579.08	85.74333
########	855.65	97.84333	579.2067	86.12833
########	855.7548	97.19556	579.1914	85.96571
########	855.0734	97.98666	579.0067	87.32
########	855.2367	97.56333	578.7866	86.30667
########	855.1434	96.3	579.1467	86.63
########	854.8867	97.37333	578.76	86.66
########	854.4067	97.29333	579.1933	86.04667
########	855.1866	97.91333	579.0867	86.58667
########	855.4733	96.69333	579.64	86.29333
########	855.2367	97.06223	579.2067	87.09111
########	854.5622	98.39999	579.0867	84.79333
########	854.3267	99.01334	578.8066	86.21333
########	854.7266	97.77333	578.8533	86.72667
########	855.2867	97.54	578.76	86.3
########	854.96	96.81333	578.8533	86.54
########	854.39	97.39999	578.475	86.57237
########	855.705	95.94	578.765	86.1575
########	855.84	96.60125	578.715	86.73833
########	854.48	96.285	578.3575	86.535
########	855.265	96.12	578.26	86.38499
########	855.155	96.685	578.92	87.06
########	854.795	96.825	578.655	86.785
########	854.66	96.465	578.855	86.20499
########	854.9067	96.395	578.745	86.6325

########	854.1925	98.00375	578.785	85.78
########	855.2843	96.13385	578.3929	86.51572
########	855.0117	97.17333	578.9866	87.715
########	854.8733	97.20889	578.8292	86.615
########	855.415	96.175	578.715	86.315
########	855.265	97.18	578.5938	87.00999
########	855.085	97.315	578.535	86.425
########	855.4117	96.515	578.455	86.70583
########	854.5867	97.55583	578.8433	86.485
########	854.4133	97.92667	578.815	86.31167
########	854.9866	96.91167	578.5792	86.11333
########	854.5867	97.485	578.7075	87.38667
########	855.6016	96.74333	578.3984	87.38667
########	854.7955	97.59834	579.1567	86.51
########	855.2017	96.82667	579.0134	86.28667
########	854.8134	97.98666	579.2433	87.01167
########	855.4883	98.00083	579.3283	86.11333
########	855.3575	97.08833	578.9583	86.62333
########	855.9733	97.11333	578.9017	87.75042
########	855.7339	96.49834	578.6283	87.585
########	856.0566	96.49834	579.2225	87.48833
########	863.915	98.65334	578.515	89.07111
########	857.9883	91.195	578.8492	88.64917
########	856.285	98.585	579.6284	87.81167
########	854.8558	98.91334	580.3134	87.5425
########	854.8672	98.81167	580.43	87.80583
########	854.4558	99.70167	579.9434	87.21333
########	857.9667	101.8033	579.4434	88.25666
########	856.4389	94.33167	578.815	88.82333
########	857.7983	97.17333	579.2283	89.41333
########	842.9083	96.04	579.7283	89.95083
########	857.115	97.22334	580.0566	88.34
########	850.1934	99.58833	580.3683	88.53667
########	856.985	99.82333	580.9567	88.85083
########	856.3984	98.74833	580.6708	89.12666
########	856.1033	101.6867	582.0189	87.2375
########	854.8133	101.0617	581.5867	87.715
########	852.18	97.17333	580.6566	89.41334
########	856.9992	96.37083	580.3433	89.785
########	853.7467	102.665	580.9017	89.41334
########	856.285	100.8983	581.6058	89.01334
########	852.6133	106.1033	583.7867	87.29
########	852.5661	105.2017	583.5867	86.50166
########	853.0016	103.8867	582.1284	87.715
########	855.5433	100.4383	580.5145	88.37334
########	856.0854	99.48538	580.1118	89.71461
########	856.2817	98.58167	580.3568	89.87167

########	856.7017	106.615	579.765	88.24667
########	857.4866	96.14364	578.9567	89.63667
########	862.2371	97.79714	579.4214	91.0364
########	857.3433	102.7717	580.33	89.67455
########	856.2433	132.0933	580.635	89.83667
########	854.2816	98.66333	579.7117	90.8175
########	856.6284	96.285	580.3284	89.47501
########	858.5717	98.13166	580.4467	89.65333
########	868.5133	104.715	581.2767	89.285
########	858.4083	102.3867	580.6583	90.17667
########	856.935	98.40333	581.0767	91.90833
########	857.005	101.9133	581.1883	90.57834
########	856.515	100.1217	580.7767	93.39667
########	858.3467	97.73833	581.2416	89.965
########	857.0367	100.91	580.9933	90.44667
########	855.5228	101.945	580.105	90.09084
########	860.97	102.3717	582.1417	88.47417
########	855.2633	101.07	581.2767	90.67167
########	858.0033	105.3267	581.8767	90.225
########	876.9866	96.62334	580.9883	90.31834
########	857.2467	100.25	581.7017	89.53333
########	857.11	96.68501	581.1467	91.80667
########	857.0834	100.7817	581.5467	88.99333
########	856.38	105.2367	583.4533	88.81
########	855.2717	97.77	583.0117	88.85917
########	853.6467	105.0067	582.8233	88.99333
########	854.3467	101.7033	581.3467	88.99333
########	854.6183	102.7717	581.6533	89.735
########	856.1067	101.2717	580.8184	89.52333
########	856.4183	100.125	579.8933	88.81
########	855.7183	100.6072	580.135	89.69292
########	855.8467	100.0108	580.2233	90.64834
########	852.8067	105.0533	582.1767	86.92333
########	853.2933	102.2433	580.07	86.95667
########	853.6816	100.2183	579.7059	89.25333
########	854.7817	98.45333	579.0767	89.51417
########	855.1258	96.64667	578.2584	89.7175
########	854.91	98.48	578.605	89.21001
########	854.6829	96.97	579.03	89.23
########	855.08	97.2325	578.5425	88.885
########	855.555	97.36	578.01	89.07834
########	855.3651	95.9375	578.02	89.33501
########	855.82	97.316	578.39	89.66
########	855.42	96.37	577.62	88.61166
########	855.855	95.465	577.785	88.91
########	856.825	96.63	577.995	89.615
########	857.375	96.89	576.21	88.655

########	867.33	95.235	578.185	89.14
########	858.555	100.335	578.875	90.435
########	852.575	98.49001	579.27	89.05
########	856.445	99.58	579.975	89.8775
########	855.06	97.09	580.175	90.38
########	856.16	101.235	579.985	89.81
########	856.05	98.83	579.415	89.11
########	856.3225	104.825	579.795	88.9675
########	855.115	101.4675	579.725	88.975
########	860.92	104.785	579.66	91.445
########	855.19	97.74	579.49	88.31
########	860.59	86.48	579.715	88.67
########	855.835	98.84	579.145	89.68
########	853.6825	99.845	578.73	87.665
########	857.265	98.28	579.785	89.985
########	866.1176	100.32	580.23	89.68
########	854.775	100.655	580.19	89.68999
########	855.82	91.505	579.525	89.755
########	856.215	102.735	580.18	89.3175
########	853.925	101.3233	579.2168	89.8825
########	856.8849	104.9917	579.0734	89.31167
########	857.2867	99.35166	578.5566	88.90334
########	860.5225	98.765	578.2175	89.8225
########	856.6614	93.26428	578.9305	92.49
########	857.0629	97.55167	578.635	89.54333
########	855.3283	98.01333	578.07	93.53667
########	857.37	98.425	578.7867	93.61333
########	836.0834	100.5267	578.2542	90.24834
########	863.3933	103.2817	579.0567	88.90334
########	856.0383	99.51	579.7892	91.035
########	855.5616	100.2567	579.7928	88.31917
########	855.5192	100.685	580.0611	89.61333
########	856.2617	101.4917	579.5383	88.83833
########	856.1033	100.9412	580.27	89.41917
########	855.475	100.625	580.1133	89.14834
########	854.4622	100.3867	579.6783	89.45167
########	855.3383	100.3717	578.9434	88.27583
########	856.2617	99.47417	579.6917	89.97417
########	855.0133	99.75166	579.0566	89.37667
########	855.5554	99.29008	579.0541	89.93114
########	855.7455	97.56333	578.5167	90.05
########	855.17	100.1833	578.2933	89.95667
########	855.33	99.41333	579.1367	89.74333
########	854.3467	99.03667	578.7166	90.30667
########	854.9567	98.54333	578.3167	90.09333
########	855.0067	98.75667	578.67	89.55667
########	856.1067	97.25667	577.9533	89.83667

########	855.7067	97.95667	577.985	89.46333
########	855.1317	98.27499	578.3067	89.45333
########	855.2367	98.47334	578.0467	90.70667
########	855.5867	97.88667	578.49	90.34556
########	855.0067	98.66333	578.5767	89.60667
########	855.7673	97.88667	578.5067	89.35
########	855.7067	98.14333	577.7533	89.08667
########	854.8633	97.79333	578.0467	89.91833
########	855.215	97.95667	578.2467	89.22889
########	856.08	97.88667	578.3533	89.45333
########	855.2633	98.34666	577.87	89.77
########	855.9533	97.63	578.0467	89.74599
########	854.9567	97.74667	578.1533	89.77
########	855.0771	98.19684	577.8467	89.02769
########	855.44	98.26	577.8267	88.78
########	855.6	97.98	578.16	89.46
########	856.06	97.82	577.76	89.82
########	855.76	98.34	577.76	89.22
########	854.28	98.34	577.76	89.54
########	855.66	98.26	578.04	89.06001
########	855.36	97.68	578.12	89.94
########	855.22	97.56	577.56	88.78
########	855.98	97.42	578.28	89.18
########	855.76	98.34	577.72	90.72
########	855.14	96.62	577.3	90.64
########	854.46	97.58	577.66	89.88
########	855.28	97.16	577.0734	88.88
########	855.34	100.404	576.44	88.7
########	855.19	96.62	577.26	87.68
########	855.56	96.42	576.86	88.63
########	855.38	96.42	576.7133	88.88
########	856.0267	96.57667	576.57	90.17834
########	855.2983	96.47	577.7167	90.885
########	854.7533	96.90667	577.47	91.02333
########	855.0422	96.43	576.9434	90.08667
########	854.9233	97.16167	577.5433	90.22667
########	854.4733	97.22667	577.5566	89.47334
########	854.7933	96.75111	577.0734	90.57333
########	855.7067	96.36501	576.9866	89.12667
########	855.3233	96.82667	576.8734	89.935
########	855.8767	96.37667	576.8467	90.70333
########	855.0133	96.92	576.8134	89.10778
########	855.4966	97.30333	576.3984	89.50889
########	854.3033	96.52333	576.4567	90.28667
########	855.2983	96.77333	576.8734	90.62333
########	854.25	96.63445	577.0133	90.16167
########	854.5267	96.37667	576.9266	89.83

6/1/2021	854.4133	96.37667	576.9333	90.17333
6/1/2021	855.0244	96.43	576.9266	90.47667
6/1/2021	854.8984	96.12333	576.3033	90.45334
6/1/2021	854.8467	95.95334	576.33	90.17333
6/1/2021	854.7933	96.47	576.8134	90.62667
6/1/2021	854.6467	96.37667	576.4833	90.08833
6/1/2021	854.9266	96.15083	576.5566	90.29889
6/1/2021	855.3233	96.52333	576.5433	89.92333
6/1/2021	855.5067	96.52	576.3467	90.66462
6/1/2021	855.0267	95.38667	576.1334	89.48667
6/1/2021	854.5533	96.00667	576.9933	90.50667
6/1/2021	853.6533	96.556	576.8467	90.4
6/1/2021	854.15	96.85333	576.5778	89.89
6/1/2021	855.21	95.60667	576.28	89.43333
6/1/2021	854.4033	95.96223	576.7734	89.40667
6/1/2021	854.7933	95.75333	576.58	89.82667
6/1/2021	854.9933	96.24133	576.4911	90.88
6/1/2021	855.1622	96.15334	576.5667	89.92
6/1/2021	855.32	96.30666	576.42	89.88667
6/1/2021	855.5433	95.60667	576.3666	89.92
6/1/2021	854.1866	95.31333	576.7534	90.29333
6/1/2021	855.5067	94.69334	575.9067	89.92
6/1/2021	854.9933	95.31333	576.3467	90.29333
6/1/2021	854.6356	95.79333	576.48	90.65667
6/1/2021	854.5	95.64333	576.0533	90.21333
6/1/2021	855.5067	95.49333	576.0933	90.10333
6/1/2021	854.2933	95.60667	575.9467	90.58667
6/1/2021	855.6934	94.50667	576.3644	89.11333
6/1/2021	855.4	95.16444	576.0933	89.45
6/1/2021	854.8867	96.15667	576.44	90.29333
6/1/2021	856.1523	95.47	576.48	89.59334
6/1/2021	854.74	95.88	576.65	91.43
6/1/2021	856.12	95.235	576.405	90.72
6/1/2021	855.37	95.23	576.45	90.78001
6/1/2021	855.13	96.315	576.405	91.03
6/1/2021	854.77	95.27	576.225	89.84
6/1/2021	855.17	96.82	576.475	90.76
6/1/2021	854.11	96.64	576.232	89.84
6/1/2021	855.06	97.21	576.23	90.76
6/1/2021	855.37	94.95	576.22	90.04
6/1/2021	854.8575	96.28001	576.455	90.99
6/1/2021	855.62	96.93	576.45	90.76
6/1/2021	855.44	95.58	575.84	90.76
6/1/2021	855.06	96.93	576.04	90.25333
6/1/2021	854.45	96.26	575.86	90.11
6/1/2021	854.72	96.93	576.49	88.89
6/1/2021	855.06	96.31001	576.41	90.50667

6/1/2021	854.74	96.355	575.84	91.07
6/1/2021	855.62	95.77789	576.23	91.17
6/1/2021	855.1467	95.75778	576.1867	91.15334
6/1/2021	855.39	95.87334	576.1733	90.77334
6/1/2021	855.16	96.45231	576.3908	91.34571
6/1/2021	855.4267	96.24667	575.5467	91.05333
6/1/2021	855.7734	95.55334	576.3067	90.77334
6/1/2021	855.38	96.34667	576.2711	90.35333
6/1/2021	855.1511	96.27333	576.2133	90.84667
6/1/2021	855.7867	94.92001	576.22	91.45333
6/1/2021	855.8267	95.48	576.1733	90.43667
6/1/2021	855.12	96.44	576.2133	90.40889
6/1/2021	855.38	95.32	576.36	90.82
6/1/2021	858.18	95.66534	576.3467	91.47334
6/1/2021	867.8267	95.53667	576.2933	90.82
6/1/2021	876.2733	97.21777	576.0267	90.5
6/1/2021	885.7	97.36333	592.84	90.82
6/1/2021	893.7534	95.62666	610.98	91.42667
6/1/2021	901.08	95.97334	628.2	90.87334
6/1/2021	910.2267	96.65778	641.5067	91.35778
6/1/2021	916.1533	97.07333	657.62	91.47667
6/1/2021	922.7	97.62666	673.8333	91.95111
6/1/2021	924.28	100.9267	688.0667	91.82667
6/1/2021	924.7867	103.1533	702.38	92.15333
6/1/2021	925.7267	107.88	717.2401	91.52666
6/1/2021	925.7267	111.4333	731.6467	91.87334
6/1/2021	926.1233	116.3533	742.6533	91.12666
6/1/2021	927.1045	114.4133	754.8567	91.66333
6/1/2021	926.535	114.4783	764.3067	93.91333
6/1/2021	926.535	114.5533	767.69	99.73666
6/1/2021	926.685	117.2433	771.3433	107.4867
6/1/2021	926.5817	116.7067	775.3433	115.0433
6/1/2021	926.5575	113.4733	777.8483	125.3167
6/1/2021	926.3978	116.8733	780.2767	137.3933
6/1/2021	925.47	117.4067	782.1633	153.33
6/1/2021	924.3817	119.0233	786.0834	171.8867
6/1/2021	924.53	122.7833	790.2966	192.93
6/1/2021	923.7567	119.4867	794.19	215.4667
6/1/2021	924.7867	115.9567	798.33	238.4233
6/1/2021	925.1866	118.1567	802.1833	256.3233
6/1/2021	924.7967	115.6504	807.4771	279.6443
6/1/2021	925.525	116.775	812.375	303.2
6/1/2021	925.9333	114.75	817.375	325.975
6/1/2021	925.975	119.95	822.125	347.775
6/1/2021	926.825	117.3625	826.35	370.075
6/1/2021	926.375	123.275	830.95	390.25
6/1/2021	927.075	118.975	835.375	408.375

6/1/2021	927.6125	130.125	840.225	429.3
6/1/2021	928.6	126.4	847.725	443.25
6/1/2021	927.0834	115.075	855.8334	454.575
6/1/2021	925.9833	115.7583	863.2416	468.2583
6/1/2021	926.1833	117.3917	870.7167	485.1
6/1/2021	925.5458	133.9167	877.0583	496.8667
6/1/2021	922.975	148.6833	883.3417	511.6833
6/1/2021	920.9792	187.825	889.575	525.2167
6/1/2021	919.275	140.9667	895.6417	539.875
6/1/2021	923.675	116.1583	901.15	556.0333
6/1/2021	923.6166	122.4833	907.425	571.3083
6/1/2021	924.7667	119.0583	914.0333	585.3917
6/1/2021	924.9333	122.925	919.8583	599.9166
6/1/2021	926.6542	117.0917	926.1166	612.8417
6/1/2021	928.6167	117.4417	931.8917	623.4917
6/1/2021	930.7416	118.2083	938.125	637.05
6/1/2021	933.1083	124.4167	945.5667	649.325
6/1/2021	931.4833	114.0333	953.2667	662.7416
6/1/2021	929.2333	116.1083	959.425	676.3583
6/1/2021	928.4458	119.2417	966.1167	688.5833
6/1/2021	927.1223	116.4667	972.7	699.7
6/1/2021	925.9333	116.6333	978.2167	710.0583
6/1/2021	925.8083	121.5667	984.3917	721.75
6/1/2021	924.1292	122.775	989.8583	733.05
6/1/2021	923.0917	117.375	995.4417	743.8083
6/1/2021	922.6923	116.8038	1000.05	755.2916
6/1/2021	915.9333	125.5	1004.642	766.0417
6/1/2021	924.7083	116.8083	1009.092	776.8583
6/1/2021	921.9333	214.525	1012.95	790.6333
6/1/2021	918.7167	221.9417	1016.608	805.8167
6/1/2021	920.8917	130.5583	1019.875	824.8083
6/1/2021	924.1917	119.9167	1023.583	844.3167
6/1/2021	919.5	119.5333	1025.983	864.2417
6/1/2021	925.75	121.4083	1027.742	879.2833
6/1/2021	927.4417	119.7333	1032.967	891.6333
6/1/2021	923.6667	117.0167	1037.65	905.025
6/1/2021	925.5083	114.8417	1042.95	917.9833
6/1/2021	925.3334	120.9667	1047.333	930.5583
6/1/2021	918.2583	114.1083	1051.492	942.3083
6/1/2021	921.5333	125.5	1055.083	952.7833
6/1/2021	916.475	119.075	1058.708	963.7833
6/1/2021	919.7917	120.1083	1062.721	976.0083
6/1/2021	922.3417	118.4833	1065.817	988.3417
6/1/2021	907.8572	125.4571	1069.158	999.2917
6/1/2021	914.375	118.075	1070.6	1020.1
6/1/2021	916.775	120.95	1069.5	1039.2
6/1/2021	913.35	120.275	1068.25	1059.25

6/1/2021	912.7	124.25	1071.9	1069.275
6/1/2021	915.575	166.575	1075.675	1078.075
6/1/2021	918.25	202	1081.375	1084.2
6/1/2021	922.1	153.4	1086.488	1090.45
6/1/2021	917.2	134.225	1089.45	1094.575
6/1/2021	922.375	124.95	1093.85	1098.15
6/1/2021	914.9	125.775	1096.95	1102.3
6/1/2021	917.2	123.125	1101.075	1106.2
6/1/2021	919.05	137.875	1105.142	1110
6/1/2021	928.375	120.4	1107.525	1111.825
6/1/2021	915.9	120.875	1111.2	1115.325
6/1/2021	915.25	130.275	1113.85	1121
6/1/2021	906.525	135.65	1115.85	1121.225
6/1/2021	914.925	126.3	1118.6	1125.775
6/1/2021	915.125	120.35	1121.425	1128.35
6/1/2021	915.4333	124.8917	1124.708	1130.192
6/1/2021	912.1	130.8	1127.74	1129.78
6/1/2021	921.175	136.35	1130.287	1139.425
6/1/2021	909.1	152.975	1133.175	1137.275
6/1/2021	913.4042	154.8667	1137.275	1139.554
6/1/2021	914.425	134.0917	1138.883	1142.304
6/1/2021	916.8417	121.2125	1139.875	1146.258
6/1/2021	918.1888	110.9	1143.342	1148.846
6/1/2021	915.1583	140.6667	1145.617	1149.558
6/1/2021	914.9042	126.2417	1148.183	1152.492
6/1/2021	913.2375	126.6333	1150.55	1155.275
6/1/2021	912.4417	147.475	1151.558	1157.258
6/1/2021	911.4667	127.3417	1153.883	1159.917
6/1/2021	914.275	134.675	1154.658	1161.258
6/1/2021	911.6833	127.275	1156.829	1160.683
6/1/2021	913.9083	119.7	1157.15	1163.256
6/1/2021	914.9625	128.2833	1156.875	1161.967
6/1/2021	916.05	124.1333	1157.717	1155.183
6/1/2021	908.7292	126.2083	1156.95	1164.558
6/1/2021	915.525	127.675	1158.375	1165.142
6/1/2021	913.9714	150.5429	1158.521	1162.4
6/1/2021	918.5833	154.075	1159.625	1169.325
6/1/2021	915.1583	157.925	1158.65	1167.65
6/1/2021	925.0333	124.4333	1159.092	1167.675
6/1/2021	919.35	134.6417	1159.762	1166.608
6/1/2021	917.9708	122.5667	1161.167	1166.517
6/1/2021	918.3083	133.575	1161.75	1167.113
6/1/2021	913.575	127.0917	1159.842	1168.292
6/1/2021	913.8	127.525	1161.808	1167.283
6/1/2021	906.1833	130.0917	1160.175	1171.317
6/1/2021	908.2833	127.4583	1162.258	1168.121
6/1/2021	915.3167	124.8	1161.938	1170.858

6/1/2021	915.3417	121.1667	1161.617	1158.483
6/1/2021	921.2084	131.9958	1161.829	1168.533
6/1/2021	915.525	123.7917	1162.092	1169.942
6/1/2021	914.15	123.6417	1161.813	1167.858
6/1/2021	914.7667	121.775	1161.275	1170.458
6/1/2021	914.6083	133.3583	1162.358	1172.475
6/1/2021	903.55	125.325	1162.883	1170.058
6/1/2021	913.575	126.975	1162.908	1170.583
6/1/2021	914.7667	156.725	1163.417	1170.046
6/1/2021	914.4584	174.5083	1163.583	1172.547
6/1/2021	916.4417	120.95	1163.492	1171.133
6/1/2021	919.8083	131.375	1162.697	1170.583
6/1/2021	918.1583	94.95	1163.158	1172.417
6/1/2021	918.0333	123.825	1163.75	1171.531
6/1/2021	918.8334	121.225	1163.254	1172.508
6/1/2021	915.1166	132.75	1163.892	1172.554
6/1/2021	915.4214	126.4571	1164.058	1172.933
6/1/2021	914.6625	123.85	1163.55	1173.85
6/1/2021	915.225	128.25	1163.925	1173.275
6/1/2021	914.85	130.4	1164.425	1172.863
6/1/2021	913.25	124.675	1163.5	1172.875
6/1/2021	915.925	122.9	1164.088	1173
6/1/2021	915.9	125.55	1163.5	1174.6
6/1/2021	917	122.025	1164.225	1172.825
6/1/2021	905.675	130.775	1163.6	1174.2
6/1/2021	913.75	123.925	1163.45	1175.95
6/1/2021	914.025	122.975	1163.75	1173.45
6/1/2021	915	141.225	1163.65	1174.65
6/1/2021	914.2	172.9	1163.5	1175.1
6/1/2021	916.675	161.075	1164.175	1173.85
6/1/2021	920.225	129.8	1163.8	1175.2
6/1/2021	920.975	122.15	1164.55	1176.25
6/1/2021	923.25	125.075	1164.175	1174.925
6/1/2021	919.7333	120.1583	1163.929	1174.964
6/1/2021	917.2416	125.6083	1164.383	1173.133
6/1/2021	916.04	125.38	1164.24	1175.33
6/1/2021	916.2584	124.675	1164.458	1175.567
6/1/2021	918.0917	126.2083	1164.292	1175.433
6/1/2021	917.225	132.6333	1165.142	1178.233
6/1/2021	891.7083	133.5833	1165.342	1174.625
6/1/2021	909.7167	120.4792	1164.817	1175.092
6/1/2021	918.525	130.2583	1164.75	1175.383
6/1/2021	914.575	130.9833	1164.617	1176.025
6/1/2021	913.7017	124.3836	1164.671	1174.928
6/1/2021	914.2233	120.88	1164.787	1175.803
6/1/2021	914.0933	124.2567	1164.743	1175.277
6/1/2021	912.8467	124.63	1165.827	1175.447

6/1/2021	911.5134	177.93	1166.283	1175.103
6/1/2021	913.2033	178.9067	1166.17	1175.273
6/1/2021	917.4467	143.0067	1165.403	1175.723
6/1/2021	919.4467	128.2767	1164.813	1176.653
6/1/2021	919.6733	118.6533	1164.917	1176.29
6/1/2021	918.8767	118.85	1163.995	1176.547
6/1/2021	917.0134	120.3233	1164.397	1176.773
6/1/2021	916.0267	121.9267	1163.93	1176.85
6/1/2021	915.2733	122.3233	1163.373	1176.653
6/1/2021	915.3233	117.4467	1163.93	1177.587
6/1/2021	914.8134	123.37	1163.943	1177.38
6/1/2021	914.53	123.53	1163.74	1177.927
6/1/2021	915.52	119.37	1163.64	1177.2
6/1/2021	914.78	119.18	1163.98	1177.96
6/1/2021	915.2	127.68	1164.06	1177.5
6/1/2021	914.2	118.16	1164	1178.02
6/1/2021	914.14	116.7	1163.84	1178.12
6/1/2021	913.48	121.9	1164.1	1178.78
6/1/2021	914.08	129.86	1164.02	1177.86
6/1/2021	912.62	165.9	1164.18	1179.34
6/1/2021	914.94	176.82	1164.24	1179.34
6/1/2021	917.74	143.36	1164.02	1180.02
6/1/2021	920.76	129.78	1164.06	1179.08
6/1/2021	921.74	121.38	1164.22	1179.66
6/1/2021	919.78	129.86	1164.26	1179.82
6/1/2021	918.54	123.16	1163.84	1178.82
6/1/2021	917.04	125.42	1164.047	1179.34
6/1/2021	916	118.62	1164.18	1179.42
6/1/2021	915.42	117.34	1163.48	1178.52
6/1/2021	914.86	126.52	1163.72	1178.17
6/1/2021	914.74	123.94	1163.16	1177.54
6/1/2021	915.24	116.89	1163.78	1179.24
6/1/2021	914.86	119.86	1163.64	1177.56
6/1/2021	913.84	126.38	1163.56	1177.96
6/1/2021	914.904	123.792	1163.776	1178.184
6/1/2021	914.0631	120.7067	1163.613	1177.133
6/1/2021	913.3925	119.1633	1163.647	1177.793
6/1/2021	912.9933	122.4833	1164.183	1177.35
6/1/2021	912.6866	167.9167	1163.353	1177.653
6/1/2021	914.7933	173.5533	1163.983	1176.387
6/1/2021	918.4933	139.5167	1163.47	1177.043
6/1/2021	920.5067	127.5167	1163.953	1176.868
6/1/2021	920.0634	118.9067	1163.493	1177.185
6/1/2021	919.4183	116.9211	1164.023	1177.082
6/1/2021	917.965	121.43	1164.253	1176.682
6/1/2021	915.9533	127.2867	1163.917	1177.07
6/1/2021	915.4067	120.7067	1164.265	1177.432

6/1/2021	915.3356	120.965	1164.643	1176.293
6/1/2021	913.37	119.6067	1164.393	1175.958
6/1/2021	915.2533	118.4367	1164.418	1176.813
6/1/2021	914.5292	116.1723	1164.614	1176.901
6/1/2021	915.0533	121.4533	1164.69	1176.127
6/1/2021	914.3267	117.08	1165.387	1175.227
6/2/2021	913.58	117.8467	1165.193	1176.298
6/2/2021	912.8734	118.1267	1165.087	1176.927
6/2/2021	912.9267	121.0667	1165.353	1176.927
6/2/2021	912.2233	133.6533	1165.38	1176.573
6/2/2021	913.6367	168.96	1165.153	1177.037
6/2/2021	915.1266	173.6767	1165.787	1177.113
6/2/2021	919.1266	130.6333	1165.027	1177.327
6/2/2021	921.6733	118.9733	1165.12	1176.973
6/2/2021	921.58	117.8467	1165.24	1176.973
6/2/2021	919.1266	123.0267	1165.227	1178.307
6/2/2021	917.2733	116.8467	1165.813	1178.38
6/2/2021	916.1266	116.8933	1166.113	1177.047
6/2/2021	914.56	117.7133	1166.227	1177.373
6/2/2021	914.3734	118.7933	1166.093	1178.12
6/2/2021	914.9133	114.32	1166.507	1177.513
6/2/2021	914.6266	123.5467	1165.833	1177.673
6/2/2021	914.42	117.8467	1166.487	1177.887
6/2/2021	914.41	120.4267	1166.638	1178.087
6/2/2021	914.47	116.3533	1166.353	1179.38
6/2/2021	914.3	117.1267	1166.033	1179.033
6/2/2021	912.2733	120.7667	1166.513	1178.787
6/2/2021	912.8533	124.4867	1167.167	1178.587
6/2/2021	912.2257	132.4771	1167.566	1179.04
6/2/2021	912.31	162.75	1167.64	1178.37
6/2/2021	915.06	174.82	1168.25	1179.46
6/2/2021	919.0699	127.59	1167.21	1178.8
6/2/2021	921.63	116.305	1167.19	1179.43
6/2/2021	920.64	122.27	1167.73	1178.657
6/2/2021	918.35	122.41	1167.73	1179
6/2/2021	915.88	119.08	1168.18	1179.775
6/2/2021	915.32	119.88	1168.16	1179.07
6/2/2021	914.9933	121.21	1168.455	1179.86
6/2/2021	913.905	117.4	1168.295	1179.82
6/2/2021	914.07	115.685	1167.69	1179.48
6/2/2021	914.63	116.99	1168.855	1179.46
6/2/2021	914.59	123.91	1168.45	1180.163
6/2/2021	913.68	115.81	1168.36	1178.91
6/2/2021	913.5699	121.54	1168.41	1180.06
6/2/2021	913.41	117.82	1168.61	1179.54
6/2/2021	912.555	123.36	1168.02	1180.11
6/2/2021	911.91	117.16	1168.68	1179.54

6/2/2021	912.43	145.47	1168.36	1179.93
6/2/2021	912.43	171.48	1168.32	1179.03
6/2/2021	915.6835	161.35	1168.88	1179.97
6/2/2021	919.016	120.364	1168.464	1179.768
6/2/2021	920.5744	116.1067	1168.46	1179.591
6/2/2021	920.4133	118.8933	1167.93	1179.247
6/2/2021	917.4467	119.8067	1168.22	1179.607
6/2/2021	915.7933	119.2933	1168.39	1180.307
6/2/2021	914.9133	116.0733	1168.273	1179.313
6/2/2021	913.6533	116.5867	1168.553	1179.704
6/2/2021	914.62	124.9067	1168.567	1180.653
6/2/2021	914.1067	116.4	1168.053	1178.987
6/2/2021	913.9266	123.3267	1169.14	1179.607
6/2/2021	914.9133	118.6	1168.293	1180.307
6/2/2021	913.9967	119.4067	1168.847	1179.829
6/2/2021	912.7933	114.82	1168.053	1179.687
6/2/2021	912.42	116.2933	1168.567	1179.94
6/2/2021	912.0533	115.1133	1168.469	1178.987
6/2/2021	911.5067	116.62	1168.093	1180.307
6/2/2021	911.6774	166.0533	1168.133	1180.12
6/2/2021	914.1067	175.0733	1168.793	1180.087
6/2/2021	917.1133	135.1733	1169.033	1178.987
6/2/2021	919.6866	116.5867	1168.851	1179.207
6/2/2021	920.12	120.7667	1168.847	1180.087
6/2/2021	918.9866	115.8867	1169.007	1179.907
6/2/2021	916.0933	118.5267	1169.033	1180.193
6/2/2021	915.1376	115.572	1169.176	1179.848
6/2/2021	913.9377	116.756	1169.108	1180.893
6/2/2021	913.68	115.1433	1168.597	1180.07
6/2/2021	913.7767	124.09	1169.243	1179.82
6/2/2021	914.4767	119.1533	1168.96	1180.002
6/2/2021	914.9266	121.3533	1169.097	1179.673
6/2/2021	913.6033	115.87	1169.143	1180.427
6/2/2021	914.1733	120.72	1169.697	1180.997
6/2/2021	912.6733	125.5467	1168.733	1180.276
6/2/2021	912.8066	116.3467	1168.59	1180.438
6/2/2021	912.1967	114.2767	1169.297	1180.28
6/2/2021	911.7467	140.0833	1169.003	1180.427
6/2/2021	912.0485	165.02	1169.42	1180.08
6/2/2021	915.3267	158.7633	1169.908	1179.447
6/2/2021	918.6266	122.1767	1169.487	1180.693
6/2/2021	920.3767	131.03	1169.687	1181.153
6/2/2021	919.5883	116.6767	1169.49	1180.52
6/2/2021	917.6033	116.075	1169.408	1179.923
6/2/2021	916.2533	114.2533	1169.843	1179.89
6/2/2021	914.7873	124.7	1170	1180.64
6/2/2021	914.9229	116.2738	1169.623	1179.89

6/2/2021	915.685	114.6217	1169.662	1181.185
6/2/2021	913.8367	119.9683	1169.523	1180.693
6/2/2021	914.4317	120.8933	1170.192	1182.378
6/2/2021	914.0933	113.6967	1170.225	1180.775
6/2/2021	913.425	116.5867	1169.645	1181.547
6/2/2021	913.7533	119.7833	1170.468	1180.868
6/2/2021	912.8066	125.045	1170.432	1181.507
6/2/2021	912.6533	115.4533	1170.277	1181.084
6/2/2021	912.4683	121.7042	1170.653	1181.432
6/2/2021	912.8784	157.5533	1170.622	1182.338
6/2/2021	914.525	182.36	1171.492	1181.022
6/2/2021	918.4216	136.2283	1170.807	1181.69
6/2/2021	921.3608	117.2892	1170.93	1182.39
6/2/2021	920.7633	119.125	1171.053	1181.793
6/2/2021	919.7467	120.555	1171.245	1181.607
6/2/2021	917.885	126.0675	1171.311	1182.718
6/2/2021	916.725	118.5067	1170.947	1182.061
6/2/2021	915.7075	119.4317	1171.685	1182.184
6/2/2021	914.515	123.41	1171.847	1182.378
6/2/2021	914.9367	118.4767	1170.967	1182.472
6/2/2021	915.0784	120.44	1172.277	1182.647
6/2/2021	914.515	118.7033	1171.677	1181.69
6/2/2021	914.515	119.185	1172.268	1182.953
6/2/2021	914.5762	117.3686	1172.131	1182.689
6/2/2021	913.1742	122.3617	1172.517	1182.643
6/2/2021	913.3461	118.9133	1172.243	1182.577
6/2/2021	913.4483	121.585	1172.743	1182.962
6/2/2021	913.2133	134.1883	1172.357	1181.625
6/2/2021	914.1517	156.985	1172.416	1183.975
6/2/2021	920.6216	161.0683	1172.465	1182.887
6/2/2021	921.0767	128.7233	1172.676	1182.962
6/2/2021	921.1267	130.0717	1172.665	1183.352
6/2/2021	929.4383	112.58	1172.678	1183.038
6/2/2021	929.5267	117.1867	1173.213	1183.265
6/2/2021	917.1483	123.9483	1172.778	1184.362
6/2/2021	915.6175	121.84	1173.352	1183.348
6/2/2021	915.875	122.94	1172.86	1183.857
6/2/2021	899.37	128.5867	1173.613	1182.887
6/2/2021	904.835	129.195	1173.387	1183.738
6/2/2021	920.735	125.8083	1174.043	1184.362
6/2/2021	902.33	118.3	1174.37	1183.855
6/2/2021	927.75	122.475	1173.975	1184.225
6/2/2021	916.81	121.38	1174.21	1182.89
6/2/2021	914.99	126.46	1174.022	1184.91
6/2/2021	914.915	120.89	1175.955	1182.82
6/2/2021	906.54	121.885	1175.69	1182.855
6/2/2021	912.145	158.44	1175.275	1184.495

6/2/2021	914.38	179.29	1175.127	1184.26
6/2/2021	918.8975	152.705	1175.995	1185.325
6/2/2021	919.575	123.525	1175.465	1183.627
6/2/2021	921.69	123.545	1174.695	1183.88
6/2/2021	919.9825	127.09	1174.895	1185.53
6/2/2021	918.505	118.66	1174.875	1184.51
6/2/2021	916.22	123.51	1175.345	1184.41
6/2/2021	913.71	124.19	1175.29	1184.066
6/2/2021	914.97	128.78	1175.125	1183.92
6/2/2021	916.72	119.34	1174.647	1184.88
6/2/2021	913.355	123.36	1230.725	1183.595
6/2/2021	922.61	150.74	1235.745	1187.065
6/2/2021	913.145	125.635	1172.615	97.2
6/2/2021	913.28	121.935	1173.468	10.18
6/2/2021	921.7	112.53	1242.545	9.485001
6/2/2021	912.88	125.45	1239.93	1.307143
6/2/2021	911.475	118.24	1239.735	3.45
6/2/2021	911.07	135.43	1237.566	5.592857
6/2/2021	913.825	168.2017	1238.583	7.735714
6/2/2021	913.3817	176.7917	1240.582	1045.297
6/2/2021	918.4467	132.2817	1240.475	1184.125
6/2/2021	915.5183	121.3283	1169.356	1190.652
6/2/2021	919.9522	129.0083	1170.677	1181.008
6/2/2021	918.0467	144.3933	1170.877	1179.547
6/2/2021	915.2516	124.275	1171.765	1179.065
6/2/2021	915.71	120.2283	1171.783	1181.086
6/2/2021	926.83	122.235	1171.742	1179.188
6/2/2021	916.255	123.4267	1172.33	1181.347
6/2/2021	913.5017	116.7383	1171.663	1180.358
6/2/2021	897.3066	123.82	1172.388	1180.293
6/2/2021	913.6383	121.2817	1172.923	1182.847
6/2/2021	890.905	123.105	1171.952	1181.522
6/2/2021	902.79	122.3667	1171.693	1181.265
6/2/2021	912.8533	128.0367	1172.642	1178.61
6/2/2021	911.135	129.11	1173.43	1183.107
6/2/2021	911.6133	131.0067	1172.688	1181.587
6/2/2021	910.1767	152.5517	1173.853	1179.853
6/2/2021	914.7966	171.3617	1173.977	1181.805
6/2/2021	918.0343	161.5371	1173.154	1182.836
6/2/2021	919.486	133.188	1172.768	1183.241
6/2/2021	920.5117	127.0617	1173.155	1181.337
6/2/2021	922.0117	125.435	1173.915	1182.888
6/2/2021	919.8033	125.5883	1098.373	1042.96
6/2/2021	912.0684	139.4733	1012.433	953.7617
6/2/2021	910.855	127.0883	906.3884	772.92
6/2/2021	914.1558	143.0367	811.9216	412.9467
6/2/2021	915.5667	127.3417	806.3725	158.6433

6/2/2021	922.2017	122.1233	790.6917	165.7483
6/2/2021	916.78	122.0067	780.4467	175.66
6/2/2021	914.3058	124.6983	763.6783	175.0083
6/2/2021	913.0134	124.855	747.4817	163.435
6/2/2021	916.13	132.9517	740.7117	147.225
6/2/2021	911.855	127.2283	737.915	133.555
6/2/2021	913.8016	117.03	736.4717	128.0483
6/2/2021	910.5784	130.3733	737.0433	130.8733
6/2/2021	907.9984	161.0733	736.4567	129.41
6/2/2021	920.0829	166.2583	737.0433	131.6867
6/2/2021	919.5616	138.6383	739.9717	127.9017
6/2/2021	928.5717	123.6417	741.4133	127.1558
6/2/2021	923.2516	125.5367	743.2867	129.2967
6/2/2021	917.81	127.4083	744.4434	128.69
6/2/2021	915.6016	128.9917	746.3867	128.2433
6/2/2021	914.715	122.01	746.305	131.525
6/2/2021	912.83	123.165	746.975	130.0675
6/2/2021	915.65	133.175	746.795	128.815
6/2/2021	896.165	116.47	747.085	130.81
6/2/2021	891.575	129.615	748.365	132.4325
6/2/2021	913.575	128.21	749.44	139.9725
6/2/2021	904.5275	123.95	747.735	142.415
6/2/2021	911.84	116.895	745.535	152.23
6/2/2021	912.805	125.185	745.675	163.01
6/2/2021	910.785	128.775	746.245	142.385
6/2/2021	911.2075	126.63	749.015	132.405
6/2/2021	910.895	124.14	749.035	129.395
6/2/2021	905.82	162.79	749.0875	127.965
6/2/2021	910.81	188.42	749.91	127.495
6/2/2021	915.32	142.95	750.59	125.35
6/2/2021	919.21	127.715	752.3425	128.405
6/2/2021	919.43	105.33	752.59	127.18
6/2/2021	917.795	123.895	751.36	127.305
6/2/2021	914.425	120.895	747.11	261.14
6/2/2021	912.86	112.29	744.08	172.705
6/2/2021	910.88	111.685	742.8475	129.695
6/2/2021	912.115	121.805	745.675	125.915
6/2/2021	912.305	136.02	749.015	125.765
6/2/2021	912.6317	119.2683	749.77	126.7842
6/2/2021	912.0108	125.1283	748.8917	128.0108
6/2/2021	912.4783	120.3567	749.1317	129.7633
6/2/2021	916.5483	117.415	749.63	129.8583
6/2/2021	911.285	121.3967	748.6234	130.2683
6/2/2021	910.9158	130.2267	747.7275	193.445
6/2/2021	910.585	130.165	744.7425	210.0967
6/2/2021	910.4317	122.485	742.8467	148.71
6/2/2021	910.0217	163.075	743.6683	129.4467

6/2/2021	912.545	182.1767	746.9305	125.8683
6/2/2021	915.3683	137.145	748.9075	126.8658
6/2/2021	919.2033	120.3933	749.3267	126.81
6/2/2021	919.2466	122.1933	748.5533	128.8517
6/2/2021	916.4017	119.5933	748.3734	128.0567
6/2/2021	913.76	123.54	747.64	127.86
6/2/2021	912.76	124.22	745.96	225.36
6/2/2021	911.48	129.08	742.76	181.02
6/2/2021	911.7286	121.8286	742.9886	129.1057
6/2/2021	908.41	126.91	747.62	123.54
6/2/2021	905.88	133.62	750.57	121.85
6/2/2021	909.39	122.72	749.26	126.46
6/2/2021	910.855	123.125	747.41	128.84
6/2/2021	911.52	116.45	745.445	126.44
6/2/2021	912.08	113.91	745.18	128.38
6/2/2021	911.31	114.27	744.65	129.16
6/2/2021	910.805	121.3	743.68	235.96
6/2/2021	910.98	134.92	741.23	178.01
6/2/2021	910.505	164.78	741.08	130.59
6/2/2021	913.74	179.57	744.16	127.85
6/2/2021	917.58	126.59	744.72	127.85
6/2/2021	920.155	112.54	746.64	126.04
6/2/2021	919.8033	114.08	746.575	125.41
6/2/2021	917.79	118.64	745.87	128.43
6/2/2021	915.38	120.24	745.83	128.66
6/2/2021	914.748	113.605	745.39	126.09
6/2/2021	913.04	117.485	745.48	224.8
6/2/2021	912.41	123.28	742.01	226.18
6/2/2021	913.39	120.41	739.13	144.27
6/2/2021	913.39	114.41	741.23	127.12
6/2/2021	913.3975	119.16	744.12	126.09
6/2/2021	912.29	123.18	746.99	126.91
6/2/2021	912.01	115.51	748.64	127.68
6/2/2021	911.68	114.87	748.6733	127.54
6/2/2021	911.19	116.19	746.98	128.34
6/2/2021	910.9567	169.75	745.67	128.99
6/2/2021	913.06	185.23	745.48	135.54
6/2/2021	917.74	132.82	743.73	236.47
6/2/2021	920.44	118.11	741.325	159.61
6/2/2021	919.62	130.37	741.72	131.64
6/2/2021	918.52	118.005	744.88	125.41
6/2/2021	915.605	121.83	746.85	127.235
6/2/2021	915.17	116.73	750.23	126.42
6/2/2021	914.28	119.11	751.085	127.23
6/2/2021	913.06	116.82	750.78	128.055
6/2/2021	913.5933	116.3733	748.2067	127.2133
6/2/2021	913.6266	117.2133	747.3533	128.4733

6/2/2021	913.52	118.4133	746.5333	212.4533
6/2/2021	914.0467	116.3533	742.12	225.0933
6/2/2021	912.6956	128.64	740.0067	144.02
6/2/2021	913.2267	140.38	742.02	141.2267
6/2/2021	914.56	124.0667	744.7067	126.2533
6/2/2021	913.53	125.4467	746.42	125.3067
6/2/2021	913.8133	160.6267	747.6933	125.9933
6/2/2021	915.66	174.4533	747.76	128.9433
6/2/2021	919.6867	130.9933	747.3734	128.9667
6/2/2021	921.6733	117.02	747.7367	125.7367
6/2/2021	921.6733	119.0467	747.3867	127.5867
6/2/2021	918.7267	125.0167	745.5267	268.2466
6/3/2021	916.7133	123.48	741.14	172.9133
6/3/2021	915.64	118.6467	741.1067	128.6867
6/3/2021	914.7422	122.1133	743.4333	125.0867
6/3/2021	915.3133	119.26	747.18	125.9733
6/3/2021	915.1266	116.7	748.38	125.4133
6/3/2021	914.56	115.6733	748.86	126.2733
6/3/2021	914.7733	116	747.28	128.4067
6/3/2021	914.3289	117.4	745.32	127.75
6/3/2021	913.05	115.3267	744.7667	125.74
6/3/2021	912.5267	121.2667	743.6567	236.7533
6/3/2021	912.6867	122.04	739.8267	213.2467
6/3/2021	912.5267	127.6467	738.2933	132.54
6/3/2021	912.7867	160.8867	739.5267	126.1133
6/3/2021	915.6866	182	743.08	127.2867
6/3/2021	919.9434	135.5333	745.1333	128.8
6/3/2021	922.5867	115.4133	746.4867	125.1533
6/3/2021	922.2477	115.89	745.9533	127.5467
6/3/2021	920.5967	118.3833	745.0523	128.3733
6/3/2021	918.6217	129.0533	744.2583	128.9033
6/3/2021	917.0433	116.95	744.2067	164.0367
6/3/2021	915.595	115.0067	741.0967	256.26
6/3/2021	915.2466	118.4133	736.7266	155.2667
6/3/2021	914.66	119.9933	736.34	128.37
6/3/2021	914.51	119.1467	740.1367	125.71
6/3/2021	914.9933	115.0067	742.7266	125.695
6/3/2021	914.4033	119.15	744.315	126.9567
6/3/2021	913.8933	116.8433	744.49	126.0033
6/3/2021	913.1533	113.7633	743.92	127.6567
6/3/2021	913.3433	118.9267	743.7167	128.2467
6/3/2021	911.8734	121.4633	743.18	129.6033
6/3/2021	911.5822	147.4967	741.74	258.7633
6/3/2021	913.1567	174.4167	738.09	169.9033
6/3/2021	916.79	147.9733	737.48	127.9717
6/3/2021	921.575	124.2467	740.01	126.26
6/3/2021	921.8467	116.6533	742.03	127.2533

6/3/2021	920.09	114.0933	744.9467	125.0933
6/3/2021	918.5109	119.6967	745.3834	127.91
6/3/2021	916.1483	122.6733	745.415	127.1983
6/3/2021	915.2466	114.8967	745.805	125.9
6/3/2021	914.59	120.175	745.8267	128.6067
6/3/2021	914.6967	119.905	743.59	268.5167
6/3/2021	914.2567	121.5733	739.4434	188.2
6/3/2021	914.4434	116.91	737.6266	129.6517
6/3/2021	914.4984	115.67	739.915	126.89
6/3/2021	913.5566	119.5133	741.815	126.81
6/3/2021	913.0067	115.34	744.61	127.5467
6/3/2021	912.6467	120.3933	745.51	129.1967
6/3/2021	912.0533	115.81	745.3466	125.5189
6/3/2021	911.9467	129.4133	745.77	128.9033
6/3/2021	912.0533	156.81	745.1467	127.5467
6/3/2021	915.2466	168.3667	744.27	279.1467
6/3/2021	918.91	138.8433	739.8066	185.6033
6/3/2021	921.04	128.94	738.44	134.46
6/3/2021	921.94	115	740.51	126.56
6/3/2021	920.28	114.74	742.94	124.88
6/3/2021	917.97	117.46	745.12	124.46
6/3/2021	915.92	124.72	746.22	129.62
6/3/2021	915.66	113.94	746.14	126.94
6/3/2021	914.32	114.02	746.24	127.98
6/3/2021	914.78	118.14	745.84	128.07
6/3/2021	914.78	115.16	745.66	259.08
6/3/2021	914.44	122.54	740.02	197.36
6/3/2021	914.1866	118.12	737.92	129.28
6/3/2021	914.64	127.4	739.92	131.94
6/3/2021	914.56	114.24	743.09	126.64
6/3/2021	914.18	114.28	744.76	125.18
6/3/2021	912.36	132.62	745.44	127.16
6/3/2021	912.66	162.24	745.84	127.48
6/3/2021	915.72	176.64	746.38	127.96
6/3/2021	919.64	125.18	745.82	128.98
6/3/2021	922.56	120.28	744.9	256.66
6/3/2021	922.5	118.24	740.96	186.12
6/3/2021	920.1946	117.99	738.73	131.48
6/3/2021	918.12	117.11	741.08	126.51
6/3/2021	916.13	113.59	743.57	125.53
6/3/2021	915.36	115.62	745.83	124.43
6/3/2021	914.61	115.53	746.64	127.77
6/3/2021	914.445	117.01	746.73	127.33
6/3/2021	915.2733	113.75	746.18	127.47
6/3/2021	914.33	121.01	745.458	149
6/3/2021	915.0067	116.12	744.04	239.8
6/3/2021	914.73	115.14	739.42	153.4

6/3/2021	913.355	115.47	740.05	128.71
6/3/2021	913.4775	115.42	742.27	125.81
6/3/2021	912.74	125.02	744.99	126.18
6/3/2021	913.51	162.86	745.96	125.97
6/3/2021	916.14	171.54	746.94	128.01
6/3/2021	920.4082	123.4688	745.4709	128.6918
6/3/2021	922.6733	117.7567	745.19	127.5267
6/3/2021	922.7366	121.515	745.6683	188.055
6/3/2021	921.095	122.0467	741.0334	214
6/3/2021	918.6217	130.9217	738.6317	144.2333
6/3/2021	917.9217	117.1883	739.2366	127.27
6/3/2021	917.0267	114.6783	741.8367	126.925
6/3/2021	916.6783	120.875	744.1733	128.1517
6/3/2021	915.5783	117.1683	745.805	128.1517
6/3/2021	915.9608	113.6757	745.9291	128.7583
6/3/2021	915.645	113.3067	745.2763	126.6108
6/3/2021	915.5725	116.7017	745.045	129.5867
6/3/2021	915.0867	118.77	743.435	248.1617
6/3/2021	915.3967	117.6567	739.1383	166.3933
6/3/2021	914.5683	118.55	738.4133	129.9383
6/3/2021	913.0933	120.5583	741.265	129.7333
6/3/2021	913.9483	129.71	743.5683	125.6589
6/3/2021	915.1234	157.9225	745.6584	125.6775
6/3/2021	919.33	152.0933	745.9517	129.9617
6/3/2021	923.1617	119.82	746.0867	127.775
6/3/2021	923.8867	117.8617	746.6791	126.625
6/3/2021	922.2394	122.675	745.745	260.7233
6/3/2021	919.8461	135.6667	742.6383	190.8933
6/3/2021	918.2067	126.5433	739.7067	133.5633
6/3/2021	918.955	113.4717	740.9033	128.2933
6/3/2021	910.98	115.845	743.2717	126.0033
6/3/2021	928.1666	116.9817	746.5067	127.0383
6/3/2021	920.8666	115.1767	747.5933	128.3683
6/3/2021	911.1583	120.6317	747.5033	129.975
6/3/2021	915.965	102.6267	747.8483	133.6983
6/3/2021	918.12	119.0583	748.2516	138.2583
6/3/2021	919.4867	124.3983	745.09	218.7417
6/3/2021	919.1467	127.085	741.5317	147.4383
6/3/2021	918.0233	123.385	742.3275	129.5633
6/3/2021	912.3184	132.6467	745.0308	126.5067
6/3/2021	902.63	149.725	747.4067	128.0633
6/3/2021	911.5583	161.0267	748.7967	127.8725
6/3/2021	916.5033	144.9483	750.5133	127.0383
6/3/2021	919.6683	121.9133	750.6033	130.3983
6/3/2021	921.75	115.6983	751.2308	128.33
6/3/2021	917.5417	120.5667	749.5933	252.3217
6/3/2021	917.3346	131.3154	747.6718	188.7038

6/3/2021	915.55	108.225	746.8867	131.525
6/3/2021	914.5574	124.0636	748.6348	128.7722
6/3/2021	913.5272	124.3217	750.0078	127.3104
6/3/2021	906.0897	127.6098	751.1157	126.0897
6/3/2021	917.245	116.7567	751.3967	128.6815
6/3/2021	920.1377	114.1167	750.4344	130.1333
6/3/2021	906.2426	117.9714	749.6	129.5404
6/3/2021	913.6104	122.381	750.0238	127.7103
6/3/2021	919.3143	121.7759	750.0069	242.1
6/3/2021	912.65	124.3429	747.4285	199.275
6/3/2021	912.185	110.75	746.03	133.945
6/3/2021	911.3275	123.66	748.0075	126.615
6/3/2021	915.68	125.05	749.34	126.545
6/3/2021	917.745	136.335	752.23	129.3825
6/3/2021	917.26	127.55	752.995	130.33
6/3/2021	912.345	128.955	752.445	129.615
6/3/2021	897.13	123.21	751.735	123.615
6/3/2021	899.435	131.44	751.82	132.025
6/3/2021	909.615	127.36	750.125	238.825
6/3/2021	902.425	119.29	747.295	153.305
6/3/2021	909.02	120.195	747.0275	130.055
6/3/2021	907.8675	120.77	749.59	126.055
6/3/2021	907.815	121.725	750.43	125.5575
6/3/2021	905.465	131.885	750.215	129.475
6/3/2021	911.085	134.63	752.115	129.33
6/3/2021	910.6227	125.1667	752.1683	126.0273
6/3/2021	905.67	129.545	752.175	128.49
6/3/2021	908.885	128.87	750.56	255.815
6/3/2021	900.69	130.23	747.59	192.695
6/3/2021	908.885	121.97	745.77	130.785
6/3/2021	909.0225	122.0925	747.53	129.955
6/3/2021	907.76	133.27	749.93	126.285
6/3/2021	908.915	124.03	751.53	123.63
6/3/2021	915.16	119.5625	751.32	125.53
6/3/2021	908.395	124.03	751.53	123.58
6/3/2021	910.158	133.424	750.856	129.358
6/3/2021	902.675	126.685	750.315	171.735
6/3/2021	900.36	129.6517	747.7267	210.53
6/3/2021	908.0016	128.4233	745.2367	133.1933
6/3/2021	909.3033	131.5033	746.7017	129.4017
6/3/2021	909.6917	123.755	748.9817	124.87
6/3/2021	903.5067	123.2533	751.5633	122.9483
6/3/2021	914.0883	125.1267	750.5544	126.9083
6/3/2021	905.6334	127.77	749.2667	128.5733
6/3/2021	902.0067	119.6083	750.8716	127.6017
6/3/2021	892.7634	122.1658	749.9266	153.6933
6/3/2021	909.2267	133.64	748.2633	222.1633

6/3/2021	908.5734	122.78	744.5817	156.4833	
6/3/2021	903.7634	120.3383	745.2367	124.5067	
6/3/2021	908.2433	122.545	747.5283	125.3983	
6/3/2021	908.8267	126.52	748.6008	126.4283	
6/3/2021	908.255	126.4983	750.3734	125.9733	
6/3/2021	905.7683	120.6017	749.855	128.1733	
6/3/2021	900.0416	125.5117	751.4733	130.74	
6/3/2021	908.3716	124.3967	750.4617	130.0733	
6/3/2021	915.1917	132.1883	750.1716	229.0383	
6/3/2021	915.635	115.8867	747.7717	179.2533	
6/3/2021	908.775	131.0667	745.3267	133.27	
6/3/2021	909.545	126.9233	747.4917	126.755	
6/3/2021	915.4083	122.835	749.8367	126.6267	847.9818115
6/3/2021	901.3983	123.0917	751.3633	124.4267	389.4682617
6/3/2021	900.995	123.5467	750.7534	126.3033	378.5080261
6/3/2021	899.6967	125.6583	750.0183	128.6983	369.9977722
6/3/2021	897.255	123.6383	749.2367	127.1983	397.4966431
6/3/2021	897.955	119.0617	749.6733	129.8167	406.4128113
6/3/2021	882.7533	133.0283	748.9984	211.9667	412.6868591
6/3/2021	878.7933	112.9267	746.2933	215.6283	419.1871948
6/3/2021	896.1058	127.3017	744.09	133.5633	420.572998
6/3/2021	898.182	120.902	745.722	127.408	419.8760071
6/3/2021	892.085	122.135	748.41	122.3767	420.8510742
6/3/2021	894.45	122.3567	750.0917	125.0717	424.6150818
6/3/2021	897.0743	124.2729	750.6686	127.8471	419.7552795
6/3/2021	897.8817	125.5817	750.1475	129.9867	423.6670837
6/3/2021	903.4067	145.2667	749.8575	126.1408	415.5014038
6/3/2021	901.1083	121.2642	750.0883	129.1817	419.6394958
6/3/2021	898.5516	129.89	747.4367	130.855	420.2401123
6/3/2021	896.1483	132.8567	748.085	234.1233	417.8669434
6/3/2021	897.4633	120.3883	744.9966	154.7467	418.4143982
6/3/2021	897.23	113.9167	744.1183	127.8117	422.8471375
6/3/2021	896.13	119.2883	747.7933	125.9067	426.0701904
6/3/2021	894.625	115.1917	749.0067	126.2933	425.2014465
6/3/2021	896.3884	120.1883	750.4966	127.0067	428.8348999
6/3/2021	889.235	130.4217	752.0991	132.1317	383.6241455
6/3/2021	892.86	130.0967	751.6041	127.8183	384.4819946
6/3/2021	897.1934	126.8783	750.4589	126.1592	381.6560364
6/3/2021	898.385	123.5767	748.89	129.6183	377.1777649
6/3/2021	896.5616	124.5367	748.995	298.7433	376.3194275
6/3/2021	900.155	128.0883	746.78	189.7383	375.807312
6/3/2021	889.88	58.48167	744.61	130.6633	376.8938904
6/3/2021	896.4183	124.475	747.0067	126.97	376.8938904
6/3/2021	899.6217	126.275	749.0034	125.895	375.859375
6/3/2021	848.86	124.4283	750.1033	125.605	375.859375
6/3/2021	896.1116	127.8117	750.4966	129.9817	384.2660522
6/3/2021	895.725	124.07	752.0767	128.1133	388.2871399

6/3/2021	896.3817	145.985	750.8867	128.9367	387.5253296
6/3/2021	896.1116	119.675	750.0983	128.4883	384.5098267
6/3/2021	897.1683	119.2067	749.8025	128.99	382.1716919
6/3/2021	895.3133	130.7183	748.49	258.0367	379.9960327
6/3/2021	893.905	131.315	745.3978	160.4867	379.9399719
6/3/2021	895.2883	122.8592	745.405	127.3933	381.2400208
6/3/2021	894.5933	121.5133	746.8133	125.8767	380.6646729
6/3/2021	895.005	120.105	749.41	125.5442	380.6347961
6/3/2021	894.6	120.8	750.5	127.4	382.4038696
6/3/2021	895.15	120.25	751.2	127.4	382.984436
6/3/2021	895.3	123.7	750.5	128.1	384.1014404
6/3/2021	894.2	124.1	750.1	127.8	386.9277954
6/3/2021	895.4833	117.95	750.0167	125.65	388.5276489
6/3/2021	894.85	117.2333	750.8334	167.2667	385.2696228
6/3/2021	895.1833	120.2833	747.75	247.9333	384.3215942
6/3/2021	895.1833	130.0667	744.1666	150.1	384.675293
6/3/2021	894.7167	118.6583	745.1667	127	384.4992371
6/3/2021	894.3334	119.2333	747.75	125.625	382.2792358
6/3/2021	894.3167	123.4	749.7833	125.4333	381.4927368
6/3/2021	894.8167	123.55	750.7167	127.3417	384.0485535
6/3/2021	894.7167	119.9833	751.6166	126.6333	384.5547791
6/3/2021	894.9333	121.2	750.3333	128.7917	384.6118469
6/3/2021	894.6333	120.7667	749.4333	126.975	385.3315735
6/3/2021	894.8833	126.9833	750.4167	129.8667	387.3948669
6/3/2021	893.95	121.9667	749.7167	235.2667	389.0240173
6/3/2021	895.1166	125.65	746.3666	223.15	387.2255554
6/3/2021	894.075	127.2833	742.7	133.7833	385.276825
6/3/2021	894.3834	118.35	744.4	125.8333	384.2906799
6/3/2021	894.8667	117.2333	746.5333	125.4333	383.6808167
6/3/2021	895.1166	118.9333	748.5333	125.2333	384.317688
6/3/2021	894.6667	122.4167	748.7333	128.1667	385.3042297
6/3/2021	895.5834	120.6333	748.1666	127.4667	386.1470947
6/3/2021	894.8333	118.6333	748.8334	127.0667	388.3456421
6/3/2021	894.45	120.3667	747.8833	129.4833	386.7032471
6/3/2021	895.0875	118.5	746.6833	127.85	388.015564
6/3/2021	894.075	120.4667	746	297.7667	387.5389404
6/3/2021	895.25	125.7083	741.8167	186.1833	388.8013306
6/3/2021	894.025	127.1333	739.1833	130.3	389.3490601
6/3/2021	894.0834	116.4667	740.65	125.5333	387.8870544
6/3/2021	894.9333	116.85	742.2	124.525	387.7872314
6/3/2021	895.4333	118.6833	744.2667	126.8833	386.4376831
6/3/2021	895.6542	117.975	744.9833	127.85	386.9207153
6/3/2021	894.9333	120.5333	745.5333	129.5333	387.5831604
6/3/2021	894.2333	116.9	745.1334	127.6333	387.6930847
6/3/2021	894.36	122.22	744.94	129.1727	387.6930847
6/3/2021	894.0167	117.0667	744.7667	152.45	389.1969299
6/3/2021	894.4833	116.7	741.95	252.3167	388.3170776

6/3/2021	895.3333	121.5667	737.8167	155.1333	389.73172
6/3/2021	894.5667	125.8167	737.4333	134.8667	391.9902344
6/3/2021	894.3834	119.2333	739.6667	125.85	391.6459351
6/3/2021	894.8333	115.5667	741.6667	124.228	389.7799988
6/3/2021	895.0667	116.3	743.9	124.9333	387.7909241
6/3/2021	895.9333	120.0333	744.5667	128	388.9527893
6/3/2021	895.1333	117.7333	744.9667	127.25	390.6716614
6/3/2021	896.2	117.2667	745.2667	127.7333	391.7843323
6/3/2021	894.3667	118.3667	745.6334	128.6333	391.25
6/3/2021	894.5667	119.4778	744.8	215.3	392.1519775
6/3/2021	895.3333	119.1	739.8667	213.2	391.3063354
6/3/2021	895.4333	116.2667	736.9667	135.8333	389.7829285
6/3/2021	895.9667	119.6667	737.9	127.2667	389.7153931
6/3/2021	895.3889	118.3667	740.1667	125.7333	392.3753662
6/3/2021	895.3444	116.5333	743.2111	126.1667	391.9188843
6/3/2021	895.1556	116.2667	744.1334	125.9333	391.3110352
6/3/2021	895.4333	117.5333	744.6667	128.3667	390.6552429
6/3/2021	895.9333	121.4	745.0667	127.1333	392.8065796
6/4/2021	895.8333	115.0667	745.1	126.7667	392.8365173
6/4/2021	896.0333	116.5333	745.1334	128.7167	391.0812683
6/4/2021	895.8333	118.2333	743.7	296.8333	392.6560059
6/4/2021	895.9333	120.5333	738.7667	172.7667	392.2252808
6/4/2021	895.5667	117.2667	736.5333	129.5667	393.0299072
6/4/2021	895.3666	116.3667	739.1334	126.5167	392.4031677
6/4/2021	895.3666	118	741.5333	127.2667	392.587616
6/4/2021	896.2	115.2667	743.8333	125.7	391.973114
6/4/2021	895.9667	115.0333	744.8666	125.3333	391.5109253
6/4/2021	896.45	116.95	744.8571	128.9572	390.8469238
6/4/2021	894.95	119.7	744.675	129.25	391.1585388
6/4/2021	895.5	121.35	744.8	129.45	393.0270691
6/4/2021	895.6	118.7	744.15	180.5	393.7295532
6/4/2021	896.05	122.6	740.25	237.25	392.5851746
6/4/2021	895.55	116.5	736.3	135.45	392.0898743
6/4/2021	896.225	118.4	737.25	126.55	391.0274048
6/4/2021	895.9	118.8	738.9	126.55	391.0540771
6/4/2021	896.6	120.6	741.6	126.85	392.3734131
6/4/2021	895.9	116.55	743.45	127.875	393.8001099
6/4/2021	896.25	116.95	744.2	127.75	392.603302
6/4/2021	896.325	115.85	744.1333	127.75	391.7865601
6/4/2021	896.25	114.2	744	118.95	391.1834717
6/4/2021	896.25	118.8	743.65	150.85	390.8865356
6/4/2021	896.8	117.95	741.9	257.95	391.0623779
6/4/2021	896.25	119.35	736.6	151.75	390.1839294
6/4/2021	895.55	116.05	736.15	119.35	390.9007263
6/4/2021	895.9	116.4	738.05	121.55	390.9007263
6/4/2021	896.3333	114.8545	740.2333	118.8667	
6/4/2021	896.7111	117.9667	742.9333	122.5333	391.9601746

6/4/2021	896.6	117.85	744.1	122.45	392.6179504
6/4/2021	896.45	117.3	743.9	124.1	393.1413269
6/4/2021	895.9	115.85	743.8	120.8	392.9126892
6/4/2021	895.9286	122.2	744.6923	129.6	393.2029114
6/4/2021	895.8	116.2667	743.9	239.8333	393.022583
6/4/2021	896.3333	118.3667	739.3	200.1667	393.3592529
6/4/2021	896.3333	117.6167	735.4333	127.5333	392.8330688
6/4/2021	896.5667	116.0667	736.7	119.0667	390.9384766
6/4/2021	897.1111	118.9667	738.9667	123.7667	390.6295166
6/4/2021	897.0667	117.1333	741.7	123.2333	392.5910645
6/4/2021	896.8444	117.2333	743.5167	120.7333	391.932251
6/4/2021	896.9333	115.8	743.2333	119.8333	391.605835
6/4/2021	897.2667	116.8667	744.0333	123.0333	391.9528503
6/4/2021	897.225	118	744.6667	123.1	391.8411255
6/4/2021	897.1889	119.5667	744.3889	137.1667	392.6637878
6/4/2021	897.4333	115.5333	742.0667	256.5667	392.2680664
6/4/2021	897.4	116.6333	736.3167	140.9333	391.7778931
6/4/2021	897.4	116.5333	736.1333	122.5	393.0375366
6/4/2021	896.9333	115.8167	738.4667	119.3333	391.9360046
6/4/2021	896.9333	116.1	740.6334	118.6333	392.9151611
6/4/2021	897.6032	118.7333	742.1334	124.3333	393.1149902
6/4/2021	897.3833	115.9333	743.9333	119.3667	393.5818481
6/4/2021	897.8111	115.6333	743.9778	118.6833	393.3395081
6/4/2021	898.3083	117.6667	743.9833	121.25	392.8126526
6/4/2021	897.5667	115.2167	744.5875	123.6333	393.8507996
6/4/2021	898.0167	116.7667	743.8167	271.3333	393.8507996
6/4/2021	897.6833	116.2833	738.05	179.0667	393.954895
6/4/2021	898.0667	114.5333	736.05	120.4792	392.4317322
6/4/2021	898.0167	114.7167	737.1666	121.8667	391.8058167
6/4/2021	898.2792	115.95	739.1167	119.9167	391.8058167
6/4/2021	897.7333	113.4333	741.2833	117.8083	390.2089233
6/4/2021	898.75	116.1333	742.2833	121.05	389.4238281
6/4/2021	897.5667	117.9917	742.5667	123.3333	390.8517456
6/4/2021	897.9389	116.3667	743.3	117.7667	393.284729
6/4/2021	898.0834	114.7167	743.5833	119.1167	391.8323975
6/4/2021	898.9333	120.9833	744	174.8667	393.5255737
6/4/2021	898.7333	125.9	740.3167	238.5833	393.9143372
6/4/2021	899.0667	118.85	736.45	147.4667	393.2328186
6/4/2021	899.2667	114.4167	736.4667	118.4167	391.8656311
6/4/2021	898.4166	114.6083	738.1	119.1167	391.1682129
6/4/2021	898.6444	117.7667	740.2167	123.7333	391.1682129
6/4/2021	899.5167	116	742.3333	121.2833	390.4941406
6/4/2021	898.7584	115.3333	743.4417	119.8167	390.4941406
6/4/2021	897.6833	117.5667	744.3667	124.0667	391.5143738
6/4/2021	898.5333	117.9	744.1666	120.8333	392.927124
6/4/2021	898.425	114.75	743.8834	117.9667	392.927124
6/4/2021	897.9	120.4	742.3	279	392.6672668

6/4/2021	899.7	124.1	736.9	159.6	393.4198608
6/4/2021	899.7	114.9	735.5	121.9	393.6961365
6/4/2021	898.6	115	737.85	120.1	391.7067566
6/4/2021	899.4	114.2	740.1	117.1	391.1745911
6/4/2021	898.3	118.2	741.9	124.5	391.6405945
6/4/2021	899	114.9	743.5	120.1	390.7362366
6/4/2021	899.425	113.1	743.5	118.6	391.6629028
6/4/2021	899.15	114.2	744.3	118.2	391.6764526
6/4/2021	899.6	116.8	743.9	125.9	392.9864807
6/4/2021	900.0909	116.8475	743.9033	268.3951	393.3208618
6/4/2021	901.185	119.005	738.4217	184.0067	394.8655701
6/4/2021	900.1066	115.325	736.2117	137.89	395.0856018
6/4/2021	900.2592	112.055	737.6934	122.3367	394.1951294
6/4/2021	900.4933	115.97	739.6933	121.925	391.5023804
6/4/2021	900.4867	112.025	741.595	118.9967	391.5679016
6/4/2021	900.5025	115.3117	742.4133	122.625	390.5169678
6/4/2021	900.7883	114.5867	743.4025	119.3183	390.0533142
6/4/2021	901.4758	115.6933	744.5983	121.9617	389.7642517
6/4/2021	900.6284	114.935	744.39	119.0983	391.9927673
6/4/2021	900.555	115.9017	745.5717	199.1483	391.0257874
6/4/2021	901.1633	118.5233	741.9017	222.34	390.4887085
6/4/2021	901.0992	119.3733	737.6284	136.005	390.8172302
6/4/2021	900.9467	125.57	738.3633	133.5233	392.4841919
6/4/2021	900.8367	116.8433	740.7267	119.2567	392.9772644
6/4/2021	901.3983	116.3508	743.1266	119.5717	389.9713745
6/4/2021	901.4533	117.3017	744.5983	120.6317	390.8364563
6/4/2021	901.5267	117.1733	745.3267	120.5467	390.4387512
6/4/2021	901.97	115.9567	745.2183	121.695	388.3626404
6/4/2021	901.1266	118.0817	745.8633	120.345	388.4800415
6/4/2021	901.0367	116.5983	746.1367	120.7967	390.2752686
6/4/2021	900.7017	119.245	743.565	235.9317	391.1871948
6/4/2021	901.3284	117.2467	739.61	145.0183	390.4371948
6/4/2021	902.0307	120.5983	738.69	126.5967	514.5995483
6/4/2021	902.5367	126.3517	740.4733	132.255	808.7355347
6/4/2021	902.0467	116.9283	743.09	119.2017	799.0513916
6/4/2021	902.2267	115.63	744.435	117.0567	795.6376953
6/4/2021	901.8016	120.1983	745.3633	123.895	798.6739502
6/4/2021	903.8983	121.6583	745.6817	130.7733	781.5693359
6/4/2021	900.17	123.1983	746.945	130.9533	777.2573853
6/4/2021	903.0734	117.4892	746.3544	124.4667	783.788147
6/4/2021	903.9991	125.5883	744.4283	265.7017	792.0032959
6/4/2021	899.305	122.9	739.84	155.145	783.3310547
6/4/2021	901.985	119.525	739.235	123.8525	779.3757935
6/4/2021	903.66	131.61	740.94	122.35	781.0891724
6/4/2021	903.07	124.495	743.185	127.26	787.2047119
6/4/2021	901.98	108.695	746.525	122.27	788.076355
6/4/2021	904.045	120.15	746.895	121.79	788.076355

6/4/2021	901.985	119.315	747.27	120.43	
6/4/2021	902.825	138.73	747.59	125.215	791.9213257
6/4/2021	903.33	115.66	747.235	118.475	789.3925171
6/4/2021	902.04	120.59	746.31	271.15	792.6037598
6/4/2021	903.155	117.9	740.4275	164.745	782.3015747
6/4/2021	905.16	124.75	739.63	135.1	770.9138794
6/4/2021	902.475	120.77	741.395	125.325	793.1134033
6/4/2021	905.1	122.435	743.77	120.015	794.2614746
6/4/2021	904.57	120.345	745.8925	125.65	794.9730225
6/4/2021	905.91	132.555	746.93	127.415	786.5557861
6/4/2021	897.56	113.125	748.2416	119.2275	790.7025146
6/4/2021	903.0425	121.045	747.865	120.7533	797.9362793
6/4/2021	905.075	122.03	748.535	122.755	788.5716553
6/4/2021	896.555	128.95	748.77	250.175	777.0643921
6/4/2021	908.005	117.06	743.24	205.385	870.3228149
6/4/2021	903.715	119.575	738.74	125.17	789.1489868
6/4/2021	904.8167	118.9617	739.41	119.495	792.6367798
6/4/2021	889.23	121.4267	743.3364	124.6083	771.3853149
6/4/2021	902.1534	122.58	745.3367	122.1733	768.1242065
6/4/2021	903.17	126.3367	746.5067	125.7683	780.8610229
6/4/2021	903.1266	123.075	746.585	124.3967	803.7654419
6/4/2021	903.1783	121.4933	747.6392	119.8133	795.1604004
6/4/2021	904.3734	119.7367	747.3466	119.946	782.7410278
6/4/2021	903.93	119.5733	747.0533	167.48	778.7466431
6/4/2021	903.1234	122.5933	743.6883	211.435	781.7330933
6/4/2021	902.665	128.6667	739.6367	137.3067	789.1593628
6/4/2021	904.4417	121.8083	740.2634	124.4283	791.3921509
6/4/2021	900.87	119.2967	740.875	118.3433	809.2669067
6/4/2021	902.0983	124.3767	743.8267	122.3783	798.914917
6/4/2021	903.3325	121.0733	744.9146	120.27	792.3310547
6/4/2021	903.1584	123.055	746.4683	122.0625	780.3427734
6/4/2021	904.4483	123.8983	746.7317	118.9517	793.0941772
6/4/2021	903.635	127.4033	745.8783	124.7967	793.1513672
6/4/2021	903.6217	121.315	746.8633	141.9583	805.368103
6/4/2021	903.875	125.9717	744.3567	243.9033	802.5496216
6/4/2021	902.5183	120.27	739.0783	139.5383	789.8674927
6/4/2021	903.5267	123.55	739.6367	120.25	787.8144531
6/4/2021	903.3483	120.7483	741.2039	120.4883	786.6461182
6/4/2021	899.8583	126.3717	744.0267	124.4483	802.9744873
6/4/2021	910.735	131.215	746.985	131.175	807.8113403
6/4/2021	902.32	130.2067	747.9634	131.875	804.8604736
6/4/2021	906.5933	127.1433	747.3367	134.2183	790.9473877
6/4/2021	904.6367	124.2283	746.7525	131.2167	791.8572998
6/4/2021	902.85	122.5383	747.4217	125.675	803.4334106
6/4/2021	907.6183	124.2667	745.33	253.33	800.6071167
6/4/2021	905.07	126.83	741.1367	167.0967	812.7548218
6/4/2021	905.4733	120.9267	739.8367	122.9083	813.729126

6/4/2021	904.7734	123.9317	742.0466	121.5517	813.729126
6/4/2021	906.2775	114.7683	743.2217	118.5967	797.2977905
6/4/2021	907.4366	126.0783	745.3367	122.0083	805.9199219
6/4/2021	897.9567	125.955	746.9366	123.55	809.1032715
6/4/2021	903.305	128.725	747.6542	123.7071	806.4701538
6/4/2021	908.335	119.8975	748.44	116.025	807.7606812
6/4/2021	901.3467	129.05	747.4833	125.4967	796.645813
6/4/2021	905.815	120.535	746.6108	202.645	798.406311
6/4/2021	897.955	130.21	743.08	203.7	806.5145874
6/4/2021	903.33	125.69	739.17	132.58	796.4505005
6/4/2021	905.26	121.86	739.56	128.325	816.9465942
6/4/2021	897.69	124.65	741.73	118.54	789.3496704
6/4/2021	905.665	132.6925	743.5725	121.41	802.9248657
6/4/2021	904.1738	124.95	744.69	125.1375	799.7142944
6/4/2021	901.8725	126.35	745.54	131.795	813.913208
6/4/2021	905.835	118.99	747.505	118.3675	812.0178833
6/4/2021	908.23	129.005	747.57	126.835	805.5629272
6/4/2021	899.335	127.945	747.54	127.73	809.0559692
6/4/2021	911.525	124.425	746.335	301.32	806.2694092
6/4/2021	906.04	124.43	740.01	174.82	809.3724365
6/4/2021	901.315	124.9375	738.225	131.025	813.7633057
6/4/2021	905.87	127.465	740.325	125.425	792.494751
6/4/2021	911.315	129.045	742.13	131.565	802.7749023
6/4/2021	907.915	124.92	744.635	124.635	809.5826416
6/4/2021	895.135	123.77	747.14	123.235	795.5421753
6/4/2021	905.765	121.28	747.29	123.175	784.9994507
6/4/2021	905.065	118.705	746.785	125.19	804.5870972
6/4/2021	905.2525	127.14	746.13	121.195	806.3141479
6/4/2021	906.465	116.29	745.96	179.995	802.2960205
6/4/2021	906.5591	126.2267	744.8029	219.0229	803.0545654
6/4/2021	905.9867	129.5383	739.9034	140.4017	798.3327026
6/4/2021	907.9667	132.415	739.2883	126.65	787.1262207
6/4/2021	905.3583	123.0817	740.5958	122.5767	805.5940552
6/4/2021	907.0375	123.755	743.19	123.6883	789.2072144
6/4/2021	908.7967	124.8183	744.29	125.6917	782.6126709
6/4/2021	906.3122	125.1567	745.6459	126.4917	803.3186035
6/4/2021	905.1884	116.7906	747.1967	121.8817	812.0072632
6/4/2021	905.4409	126.325	746.8033	122.9633	813.8640137
6/4/2021	898.0467	120.4733	745.6984	124.0933	798.8320313
6/4/2021	907.7817	122.9633	745.225	276.3617	791.0371704
6/4/2021	909.2683	124.18	741.1592	193.95	790.519104
6/4/2021	908.8633	125.9183	739.4916	136.8817	780.7550049
6/4/2021	906.6939	108.95	740.0475	119.3367	815.0965576
6/4/2021	906.6884	125.0133	741.8933	122.6367	787.4196777
6/4/2021	907.7516	115.4717	745.375	126.6317	803.4311523
6/4/2021	907.5967	129.14	745.8909	132.875	789.6428223
6/4/2021	908.8884	126.3067	747.7783	131.775	789.7157593

6/4/2021	909.33	134.5783	747.795	123.7367	813.0080566
6/4/2021	916.0417	133.135	746.4783	126.9333	813.0080566
6/4/2021	908.47	110.5617	743.9283	118.6067	794.1633911
6/4/2021	900.9533	125.845	744.3033	249.5017	799.9550781
6/4/2021	911.745	123.8928	740.615	156.195	786.833252
6/4/2021	907.7633	126.915	739.0005	122.625	795.149231
6/4/2021	907.775	135.6533	742.0817	128.1183	783.4458618
6/4/2021	911.7267	114.3717	743.885	121.2092	818.8962402
6/4/2021	908.175	124.88	747.1917	123.4183	792.2271729
6/4/2021	906.005	124.4933	747.9067	122.275	797.600647
6/4/2021	905.2733	128.9983	749.0367	125.1967	780.4945679
6/4/2021	905.5267	127.2717	750.0817	123.0733	788.5564575
6/4/2021	905.676	123.8328	748.5984	118.3328	789.333313
6/4/2021	906.28	122.76	747.04	136.64	794.5762329
6/4/2021	906.56	125.28	743.46	249	783.7491455
6/4/2021	907.56	127	739.46	148.68	789.9654541
6/4/2021	906.77	119.08	738.24	120.62	818.3575439
6/4/2021	906.38	119.8	739.98	124.06	807.6415405
6/4/2021	906.44	120.66	742.18	121.86	785.6724854
6/4/2021	907.82	126.62	745.76	128.35	789.5392456
6/4/2021	905.9	122.8	748.26	123.48	796.8580322
6/4/2021	907.04	125.24	748.04	128.8	803.711792
6/4/2021	906.78	124.34	747.44	126.22	791.9347534
6/4/2021	906.78	125.89	747.04	125.42	784.2776489
6/4/2021	907.16	121.58	746.4	164.18	797.9508057
6/4/2021	906.54	123.96	741.36	230.12	792.2876587
6/4/2021	906.48	120.72	737.06	128.16	802.5281372
6/4/2021	908.08	124.768	737.804	128.672	798.1099854
6/4/2021	906.52	127.66	740.02	132.82	790.749939
6/4/2021	907.1061	121.2714	743.02	121.67	787.6817017
6/4/2021	906.4467	120.5233	743.7534	120.29	809.670166
6/4/2021	905.8533	122.45	744.2266	119.9967	812.1011963
6/4/2021	906.19	120.6533	744.47	119.9933	804.6471558
6/4/2021	905.09	120.1783	744.4266	119.4467	792.9457397
6/4/2021	905.4534	122.1967	744.5183	124.8367	800.9318237
6/4/2021	906.11	122.05	744.1733	263.45	795.7382202
6/4/2021	905.7466	127.3967	738.9266	194.8433	792.2897949
6/4/2021	907.1984	120.6933	736.6733	123.15	807.5021362
6/4/2021	906.11	122.3433	737.5967	122.41	817.7394409
6/4/2021	904.6467	120.21	739.9217	120.5267	819.1340942
6/4/2021	905.8566	123.6967	742.87	125.8967	797.5733643
6/4/2021	906.4434	118.75	744.5433	121.35	798.6123047
6/4/2021	906.4467	120.5067	744.5366	121.0967	814.5653687
6/4/2021	906.4467	118.4533	743.7933	121.845	806.211731
6/4/2021	906.4434	122.725	743.6266	129.2367	801.9946289
6/4/2021	906.132	118.508	744.0267	135.98	800.1452026
6/4/2021	905.42	122.1967	741.26	262.97	796.5993652

6/4/2021	907.21	119.26	736.5283	145.9533	810.5505981
6/4/2021	906.4467	119.9167	736.0167	122.0067	801.8538818
6/4/2021	906.7033	117.6467	738.7617	121.0967	801.8538818
6/4/2021	906.9733	123.8033	740.58	126.5533	814.4486084
6/4/2021	906.66	122.38	743.37	126.0833	813.4973755
6/4/2021	907.4266	125.4133	744.92	134.2533	815.881897
6/4/2021	907.18	122.8133	745.1867	125.34	812.828064
6/4/2021	906.5133	118.04	744.6266	119.9133	811.8051758
6/4/2021	906.3	118.9756	744.3333	123.3933	805.940979
6/4/2021	906.5133	118.06	743.69	227.46	797.4955444
6/4/2021	906.6733	123.5133	739.0933	197.2333	794.2487793
6/4/2021	906.9133	118.2733	736.2534	126.3333	801.4463501
6/4/2021	907.4733	120.7533	737.4067	125.6	799.3946533
6/4/2021	907.1816	124.2133	740.34	129.5267	793.8305664
6/4/2021	906.1866	121.4489	742.6266	124.3867	798.4685669
6/4/2021	907.2866	116.4933	743.98	118.5533	812.7810059
6/4/2021	906.4866	119.22	744.4067	121.1	810.2288208
6/4/2021	907.0734	123.3267	744.6633	132.5667	801.6196899
6/4/2021	907.5	121.9467	744.6733	126.5867	797.4075928
6/4/2021	906.56	117.55	744.1934	128.3533	804.1326904
6/4/2021	906.6733	117.64	741.3734	286.92	807.2813721
6/4/2021	907.2866	121.4333	737.0933	156.6067	804.2527466
6/4/2021	907.6133	118.86	736.6334	122.16	801.6366577
6/4/2021	905.88	118.4923	738.38	118.8477	810.3240967
6/5/2021	907.04	121.01	741.84	125.13	791.6779785
6/5/2021	907.186	124.27	744.57	130.75	789.4083862
6/5/2021	907.7139	121.64	745.8067	126.8467	798.1660156
6/5/2021	905.95	117.17	745.75	118.8233	811.6148682
6/5/2021	907.555	117.22	745.02	121.58	812.6374512
6/5/2021	907.31	123.21	744.16	125.04	800.5379028
6/5/2021	907.52	121.13	743.26	210.16	797.6013184
6/5/2021	907.6667	121.75	738.8	200.0667	795.1652832
6/5/2021	907.2	120.0667	736.1667	128.4667	804.524231
6/5/2021	907.915	124.44	737.7615	128.66	804.5106812
6/5/2021	906.82	119.65	740.26	121.85	811.0331421
6/5/2021	907.085	116.61	742.905	119.84	804.4178467
6/5/2021	907.31	117.71	744.78	121.74	813.1397095
6/5/2021	906.98	122.39	745.55	126.185	809.4888916
6/5/2021	906.75	117.99	745.81	123.16	805.184082
6/5/2021	907.47	115.95	744.22	118.11	810.7346191
6/5/2021	907.31	116.1867	743.47	132.01	812.2975464
6/5/2021	906.91	122.88	741.65	254.37	802.7922363
6/5/2021	906.98	118.76	735.99	152.9	801.2445068
6/5/2021	907.59	121.53	735.895	130.74	799.7009888
6/5/2021	906.91	119.42	737.69	123.26	801.8377686
6/5/2021	906.37	116.07	739.71	117.57	811.1888428
6/5/2021	907.31	117.87	741.72	119.36	819.3950806

6/5/2021	907.14	116.64	743.1733	120.14	808.8086548
6/5/2021	907.38	119.02	743.6733	123.1067	802.6398926
6/5/2021	907.4534	117.5	743.32	121.44	811.0308838
6/5/2021	908.1467	117.7533	742.4267	120.16	811.0308838
6/5/2021	907.14	116.4933	741.8734	278.1	807.9422607
6/5/2021	907.6266	122.7067	737.8533	205.7667	811.7250366
6/5/2021	907.7733	118.68	735.7833	125.4933	803.5826416
6/5/2021	907.7533	121.2767	737.1533	126.96	813.2426147
6/5/2021	907.14	118.8933	739.31	122.54	811.3795166
6/5/2021	907.5067	118.3067	741.7267	118.5467	809.4283447
6/5/2021	906.4067	116.6	743.12	119.1533	815.5030518
6/5/2021	907.3067	118.14	743.5267	121.64	810.6030273
6/5/2021	906.9	120.0033	743.46	126.2467	801.1801147
6/5/2021	907.0466	115.3533	742.8933	118.6533	800.1357422
6/5/2021	906.0933	116.9467	742.7333	198.4533	808.1796875
6/5/2021	906.1866	120.8933	738.16	204.02	810.5992432
6/5/2021	906.7733	120.5067	735.5267	145.6467	798.6362915
6/5/2021	907.1467	115.7467	737.0733	120.0667	805.1889648
6/5/2021	906.8467	118.4	738.8267	121.92	818.5836792
6/5/2021	906.8517	115.74	741.0867	118.2533	811.4482422
6/5/2021	907.12	119.48	743.0533	125.0533	809.1381836
6/5/2021	907.5734	113.8733	744.4533	117.1267	816.6292725
6/5/2021	907.7067	116.5933	743.3867	121.1867	816.2850952
6/5/2021	907.7733	121.0533	743.0533	127.1467	796.4314575
6/5/2021	907.5156	119.26	742.4267	129.9333	806.6861572
6/5/2021	906.5	118.6533	741.0667	251.3467	811.1546021
6/5/2021	906.3661	115.9492	735.2543	155.64	815.9447632
6/5/2021	907.1933	116.9867	734.9534	134.8067	814.5469971
6/5/2021	907.75	118.19	736.1934	122.3367	812.2380371
6/5/2021	907.185	115.96	739.7267	120.35	813.6737061
6/5/2021	907.2134	118.0533	741.38	123.4933	810.4763794
6/5/2021	906.7933	122.8	743.0533	130.1533	809.6657104
6/5/2021	908.1467	117.8467	743.66	124.8167	806.1099243
6/5/2021	907.7754	116.9257	743.14	121.3538	806.9181519
6/5/2021	907.7754	120.1343	742.9771	126.5057	806.6447144
6/5/2021	907.5067	123.7533	742.3334	202.4333	809.3919678
6/5/2021	907.1233	123.3867	739.04	241.2533	808.440918
6/5/2021	907.1233	118.2633	735.6733	138.09	806.1192017
6/5/2021	906.7067	121.1633	735.8867	134.1933	814.4382935
6/5/2021	906.3183	117.0633	737.8934	119.6767	814.9087524
6/5/2021	907.4133	116.5317	740.5767	120.4133	816.3156738
6/5/2021	907.4383	116.0617	742.7833	118.2633	815.9106445
6/5/2021	906.7117	118.1633	743.69	120.4733	813.5471191
6/5/2021	906.0233	115.36	743.51	120.11	808.7975464
6/5/2021	907.4133	117.8733	742.83	119.8233	797.9586792
6/5/2021	907.4133	117.96	742.8066	124.1867	809.3895874
6/5/2021	908.1867	117.55	741.3267	259.7533	808.190918

6/5/2021	907.11	116.8367	735.9333	160.8867	809.9077759
6/5/2021	906.3133	117.91	734.7933	124.8267	805.9125366
6/5/2021	906.06	115.25	736.2967	121.8633	814.0861206
6/5/2021	907.1233	114.9133	738.7933	116.83	816.6415405
6/5/2021	907.1233	116.34	741.1934	120.7633	816.6415405
6/5/2021	907.9933	118.8067	744.0566	124.79	809.6099243
6/5/2021	906.725	121.21	744.3167	124.6333	809.71521
6/5/2021	907.1233	114.8633	744.48	118.1633	813.9622803
6/5/2021	907.5933	115.94	743.0067	125.0667	816.5558472
6/5/2021	907.7633	117.1183	742.4133	246.9833	811.0794678
6/5/2021	907.11	124.7633	738.6367	214.0833	809.2409058
6/5/2021	907.11	118.9267	735.2033	129.4933	800.7190552
6/5/2021	907.3967	122.6267	736.4133	133.4567	811.0841064
6/5/2021	907.8134	118.5817	737.7167	126.94	818.3171997
6/5/2021	907.7867	114.6833	741.0967	120.1467	807.3274536
6/5/2021	907.2438	112.7934	741.6902	117.5099	809.140625
6/5/2021	906.7175	114.1883	743.19	118.9325	796.1417236
6/5/2021	907.79	118.945	743.36	131.765	783.9659424
6/5/2021	908.1675	114.94	742.61	122.62	789.9836426
6/5/2021	908.215	113.785	742.695	172.03	807.9030762
6/5/2021	908.2783	117.69	738.72	231.355	803.2855225
6/5/2021	908.88	119.3743	735.19	142.8557	797.0595703
6/5/2021	909.28	119.56	736.19	126.12	795.6829834
6/5/2021	907.19	115.965	738.165	119.72	804.4188843
6/5/2021	908.3483	118.8383	740.675	123.0767	811.9812012
6/5/2021	908.6617	118.3617	743.07	125.5442	804.2363281
6/5/2021	908.1133	117.425	744.9567	122.7767	796.9477539
6/5/2021	907.7134	116.7133	745.27	119.6133	816.1047974
6/5/2021	908.0383	116.8758	744.6216	122.3325	800.8728638
6/5/2021	908.3483	122.3617	744.0517	181.1667	796.7380371
6/5/2021	908.4384	119.2742	741.3033	217.375	791.501709
6/5/2021	908.2325	120.0967	737.695	144.0983	796.1127319
6/5/2021	908.4742	117.5867	737.8567	121.8133	800.6044922
6/5/2021	909.2442	121.7383	739.3433	129.8383	788.8164673
6/5/2021	908.4384	118.135	742.335	121.3367	780.7075806
6/5/2021	908.6259	120.9617	744.9567	125.1233	800.7596436
6/5/2021	908.265	121.5867	746.4133	122.8125	800.7349854
6/5/2021	909.8383	117.4883	746.2567	121.7483	795.1948242
6/5/2021	908.6783	124.0133	746.935	129.675	782.0139771
6/5/2021	907.9517	123.1617	746.9567	119.5417	807.0307617
6/5/2021	907.4434	121.6617	745.3192	295.1917	816.1608887
6/5/2021	909.5742	123.2808	738.6866	187.9983	796.086853
6/5/2021	909.535	124.6517	737.4783	139.2683	787.7149658
6/5/2021	909.925	118.7517	738.9133	122.6917	792.2548828
6/5/2021	900.6633	116.47	742.1617	118.3258	794.800415
6/5/2021	908.9117	118.675	744.17	123.8328	800.6043701
6/5/2021	910.4767	119.0517	746.0189	129.135	790.458374

6/5/2021	909.4517	118.21	746.5783	120.5208	787.9412842
6/5/2021	916.1033	125.6767	745.83	118.9967	807.3265381
6/5/2021	909.9133	118.8383	745.6216	125.8983	790.0977173
6/5/2021	919.5771	121.2771	745.6783	187.81	787.4165039
6/5/2021	909.365	122.9133	741.5467	238.2483	794.0390625
6/5/2021	909.6866	119.3867	737.9217	134.8867	794.0390625
6/5/2021	910.445	121.6733	737.9675	127.2483	
6/5/2021	909.1383	121.825	739.4133	126.8367	788.992981
6/5/2021	915.2033	117.9933	742.14	119.8617	793.4914551
6/5/2021	909.675	119.7717	743.4459	119.775	801.3275757
6/5/2021	911.01	120.7133	744.4916	121.5867	773.6786499
6/5/2021	905.265	120.235	745.0939	118.035	796.7786255
6/5/2021	910.355	115.215	744.8467	117.9575	796.1258545
6/5/2021	911.4366	121.8983	745.17	122.485	793.0452271
6/5/2021	910.4317	129.6933	743.9367	255.0467	798.1084595
6/5/2021	911.2733	125.3633	739.1917	168.2283	797.9746704
6/5/2021	907.295	118.1883	737.9925	140.56	807.2194824
6/5/2021	906.905	127.6283	739.3467	130.465	799.6759644
6/5/2021	905.9366	124.8817	741.6533	124.5317	803.2045288
6/5/2021	916.29	118.9083	743.0775	121.0583	798.7132568
6/5/2021	912.81	121.7517	743.7767	122.1467	807.8723755
6/5/2021	910.3467	124.4367	744.4233	118.6933	794.6749878
6/5/2021	909.1467	113.5733	744.8083	124.0883	800.8870239
6/5/2021	903.8734	118.345	745.1384	126.6908	786.1004028
6/5/2021	912.7866	121.325	744.1683	267.6917	791.230896
6/5/2021	909.5683	121.4567	739.29	163.2817	796.0415039
6/5/2021	914.4733	122.3433	738.2767	127.645	795.012207
6/5/2021	910.175	114.6933	739.2233	130.525	787.5369263
6/5/2021	909.6608	122.5683	741.8617	124.8517	791.6797485
6/5/2021	910.1533	124.08	743.3083	119.4533	800.1205444
6/5/2021	909.8467	121.15	744.2916	123.42	787.6714478
6/5/2021	909.7217	120.81	746.13	118.6817	789.0039673
6/5/2021	908.7567	119.875	745.6683	117.675	796.3135376
6/5/2021	901.3217	120.1925	745.8383	120.7783	791.4679565
6/5/2021	912.9916	117.6867	745.5616	137.3083	796.4265747
6/5/2021	910.9567	127.5017	742.0917	233.5933	777.6514893
6/5/2021	910.9467	123.9367	738.1683	148.5483	789.3110962
6/5/2021	912.1884	119.855	738.015	129.59	785.1531372
6/5/2021	910.525	122.7433	739.4317	120.6967	798.3933716
6/5/2021	914.3691	120.39	741.3083	118.5783	790.0795288
6/5/2021	909.31	122.815	743.3234	121.89	782.927063
6/5/2021	909.5784	128.8283	744.7683	128.6633	794.9314575
6/5/2021	909.5683	125.785	744.9842	126.1558	784.161499
6/5/2021	911.1317	127.915	745.0767	125.0967	786.9018555
6/5/2021	914.6514	127.2186	746.2286	153.4786	792.1126099
6/5/2021	909.795	124.705	743.7875	219.945	786.8842773
6/5/2021	908.17	119.33	740.01	149.455	788.3612061

6/5/2021	898.995	125.3533	739.2783	126.4633	785.3602295
6/5/2021	910.385	128.28	740.65	127.825	771.6068726
6/5/2021	908.665	128.46	742.84	123.895	781.2498779
6/5/2021	908.06	125.02	744.98	131.305	780.9942017
6/5/2021	903.03	124.03	745.51	119.39	778.8483887
6/5/2021	911.375	120.265	745.29	120.03	780.5210571
6/5/2021	909.285	120.91	745.8175	121.115	780.5210571
6/5/2021	912.255	126.19	745.765	128.845	784.7528076
6/5/2021	906.425	116.305	745.42	274.67	782.5871582
6/5/2021	904.65	123.55	740.8	172.705	784.2745972
6/5/2021	914.91	128.005	737.955	145.99	787.1098022
6/5/2021	910.41	125.915	739.19	127.345	793.0489502
6/5/2021	906.715	123.7975	741.225	117.925	807.0122681
6/5/2021	907.7725	120.565	743.31	118.325	794.4694824
6/5/2021	910.715	125.515	745.31	124.635	783.2045898
6/5/2021	910.205	122.89	746.4617	119.135	785.3773193
6/5/2021	916.435	121.405	745.81	116.7983	788.402832
6/5/2021	910.205	121.445	745.99	119.63	786.8557739
6/5/2021	913.3	127.25	746.745	153.315	780.6720581
6/5/2021	919.485	127.14	743.2525	212.29	788.2877808
6/5/2021	910.275	121.02	739.995	141.45	798.0136108
6/5/2021	902.835	125.68	739.9525	122.325	799.4304199
6/5/2021	912.255	128.005	741.74	138.5925	779.5561523
6/5/2021	911.305	127.7375	746.01	125.42	784.4550171
6/5/2021	912.805	126.865	748.43	118.035	786.74823
6/5/2021	909.435	127.385	747.44	124.525	782.7253418
6/5/2021	911.895	124.335	749.31	122.0225	780.8378296
6/5/2021	904.115	120.14	747.42	112.235	779.3599243
6/5/2021	912.61	124.39	747.5099	121.405	849.5360718
6/5/2021	918.635	122.435	746.91	203.255	835.3684692
6/5/2021	912.185	125.405	742.125	208.15	862.1332397
6/5/2021	915.54	118.31	738.985	143.02	780.7022095
6/5/2021	911.91	123.095	739.555	121.295	782.2000732
6/5/2021	912.72	126.505	741.81	129.31	814.5351563
6/5/2021	912.365	120.155	745.22	116.855	820.9388428
6/5/2021	895.865	123.565	746.17	119.55	804.9232788
6/5/2021	911.7757	125.3983	747.9567	124.8571	814.7670288
6/5/2021	913.145	134.97	748.8583	133.9917	816.7942505
6/5/2021	900.65	122.9117	748.1267	118.5117	811.6693115
6/5/2021	912.5883	122.6967	746.8566	124.9217	818.3546143
6/5/2021	912.1917	127.6867	746.8583	221.1167	802.3742065
6/5/2021	907.395	131.965	742.2433	197.7117	814.1300659
6/5/2021	912.285	122.81	739.1791	122.3767	817.7163086
6/5/2021	911.6533	124.0917	740.1283	125.3217	820.9993286
6/5/2021	912.6133	128.2133	742.4984	126.3333	815.6867065
6/5/2021	912.415	116.0367	745.485	120.7917	814.2485962
6/5/2021	913.8934	126.3433	746.7142	120.355	815.9263916

6/5/2021	911.9984	125.9792	747.8283	126.67	806.3599854
6/5/2021	912.6133	125.7983	748.33	125.9667	810.7242432
6/5/2021	915.665	126.245	748.1583	124.525	812.5490723
6/5/2021	913.0383	122.81	746.8417	131.2917	821.309082
6/5/2021	911.5134	121.6217	744.33	244.0283	821.821106
6/5/2021	912.1884	128.69	739.445	176.03	826.3005371
6/5/2021	913.49	125.9117	739.2575	129.09	763.0958862
6/5/2021	912.3016	124.94	741.215	119.8383	763.0958862
6/5/2021	911.4567	123.7608	743.455	119.4583	822.727478
6/5/2021	911.6783	124.385	745.7584	122.325	832.2047729
6/5/2021	911.0008	124.4633	747.5433	122.1783	839.1796265
6/5/2021	912.1884	124.4725	746.9434	118.41	790.0999756
6/5/2021	911.9133	123.1983	746.3566	123.3883	850.3476563
6/5/2021	911.5134	124.8967	743.9667	125.945	778.673645
6/5/2021	911.9733	123.1983	745.9567	127.3783	778.3867188
6/5/2021	912.1622	123.7633	743.5317	243.785	793.5474243
6/5/2021	911.905	125.0017	739.3016	153.7917	784.590332
6/5/2021	910.5925	129.3192	739.3867	129.2617	784.3118896
6/5/2021	911.1657	127.3672	740.6281	122.8918	783.8353271
6/5/2021	911.36	121.2933	741.8867	117.975	790.7084961
6/5/2021	911.2134	122.8133	744.58	119.0433	795.617981
6/5/2021	910.8092	123.1029	746.6467	123.4	844.2418213
6/5/2021	910.9933	122.9267	746.18	122.1533	775.7706909
6/5/2021	910.5867	119.9933	745.5466	119.3	797.1096802
6/5/2021	911.0466	120.6133	744.38	121.6067	797.4117432
6/5/2021	910.5867	122.3	744.6666	205.2933	786.5460815
6/5/2021	910.4033	125.3867	741.0067	215.8867	778.8947754
6/5/2021	910.8433	126.78	737.2466	138.0667	788.4421997
6/5/2021	911.6133	129.7067	738.0533	138.36	780.5836792
6/5/2021	910.74	123.81	740.12	125.0933	796.3989258
6/5/2021	910.32	122.22	742.39	120.33	806.0394287
6/5/2021	909.75	123.04	744.64	122.01	811.7754517
6/5/2021	910.315	122.22	746.75	121.32	735.3475952
6/5/2021	910.4301	122.19	745.71	124.03	820.5340576
6/5/2021	910.5	118.96	745.16	118.75	821.8643799
6/5/2021	911.06	122.64	744.55	125.93	851.1758423
6/5/2021	910.91	119.775	743.83	269.34	806.52948
6/5/2021	911.37	124.77	739.23	206.29	809.5631104
6/5/2021	910.49	121.09	735.91	124.44	808.4437866
6/5/2021	910.7133	122.64	738.36	128.28	845.9396362
6/5/2021	910.8467	120.06	740.62	119.63	800.8851929
6/5/2021	910.7233	122.57	743.45	121.58	842.2895508
6/5/2021	911.3	122.78	746.03	120.51	799.7105713
6/5/2021	910.47	123.74	747.18	126.81	808.4031372
6/5/2021	911.06	117.995	745.78	117.32	816.8166504
6/5/2021	911.44	120.62	745.36	120.69	841.076416
6/5/2021	909.75	119.11	743.72	134.47	817.5881958

6/5/2021	911.1233	123.74	741.21	247.13	809.8427124
6/5/2021	911.42	124.57	736.8	164.99	808.1110229
6/5/2021	911.765	123.18	736.63	128.73	806.2984009
6/5/2021	910.07	117.18	738.04	117.9067	812.4523315
6/5/2021	910.07	121.16	740.24	120.195	867.2471313
6/5/2021	911.13	123.47	743.68	123.51	733.2011719
6/5/2021	911.9467	127.33	745.915	131.42	738.3080444
6/5/2021	911.35	122.64	746.19	127.72	734.1638794
6/5/2021	911.33	120.69	745.13	121.83	734.1638794
6/5/2021	911.69	121.34	743.235	127.8	861.6898193
6/5/2021	911.62	125.68	743.23	149.15	784.9228516
6/5/2021	910.74	121.53	740.06	250.58	815.0913696
6/5/2021	911.66	122.26	735.41	152.93	812.7878418
6/5/2021	911.73	123.755	736.06	132.09	823.4235229
6/5/2021	911.5969	125.9571	738.805	127.77	802.9747314
6/5/2021	911.3533	119.7267	740.94	121.48	814.0186157
6/5/2021	911.0733	119.0733	742.9533	120.4533	810.09198
6/5/2021	911.4267	119.3533	743.74	125.0267	803.9627075
6/5/2021	910.0467	117.85	744.4733	117.2267	788.9041748
6/5/2021	910.7267	118.2267	742.7733	117.9933	798.4212036
6/5/2021	910.6489	118.1533	742.6967	117.9733	786.4638062
6/5/2021	910.9133	120.6533	741.1866	252.3467	786.8709717
6/5/2021	910.4933	122.6733	736.7067	184.02	800.2515869
6/5/2021	911.0533	122.95	735.3133	124.06	789.7972412
6/5/2021	910.8433	119.5133	736.7067	122.3933	798.7508545
6/5/2021	910.8245	120.7267	739.08	123.2733	797.2290039
6/5/2021	911.0733	117.92	742.26	118.9467	798.7539673
6/5/2021	911.1467	121.8733	744.1933	124.0533	798.0655518
6/5/2021	911.0733	120.38	744.6266	121.96	782.5219116
6/5/2021	911.0844	120.1467	744.2867	120.9933	799.4629517
6/6/2021	911.2933	118.6267	743.2333	120.6133	801.8372803
6/6/2021	910.9333	121.2733	742.3467	159.5867	800.9137573
6/6/2021	910.4233	122.9267	739.2	241.84	793.8693848
6/6/2021	910.7233	119.8933	735.92	148.6467	794.1168823
6/6/2021	911.05	121.0533	735.9067	134.2333	799.9727783
6/6/2021	911.1467	125.8533	739.0067	131.2933	792.132019
6/6/2021	911.4133	127.3733	741.4267	131.7533	799.0910645
6/6/2021	910.4333	120.34	744.5833	121.7733	805.8536987
6/6/2021	910.6178	118.5733	744.3666	120.3267	821.0344849
6/6/2021	911.3667	117.5267	744.3133	117.8733	812.7672119
6/6/2021	910.8867	120.6267	743.36	127.5533	829.3900146
6/6/2021	911.24	119.02	742.9733	118.52	819.9018555
6/6/2021	910.42	118.1267	741.5734	240.9933	821.5987549
6/6/2021	911.12	122.1533	737.14	192.1067	814.0370483
6/6/2021	911.7533	125.1533	735.64	152.92	820.2264404
6/6/2021	910.7267	117.9733	737.46	121.6467	821.6525879
6/6/2021	911.0533	117.5733	739.0533	118.1533	834.1726685

6/6/2021	911.0733	118.5867	741.28	120.7733	810.8079224
6/6/2021	911.5867	124.0267	743.44	129.5267	802.9069824
6/6/2021	911.12	117.1533	743.4333	117.8267	815.3360596
6/6/2021	910.7133	116.7733	743.3934	119.26	828.7169189
6/6/2021	911.0733	118.8733	742.5867	121.48	821.2155151
6/6/2021	911.24	123.6267	741.4867	200.3	813.078125
6/6/2021	911.7733	126.2	738.4867	210.8467	816.7548828
6/6/2021	911.1467	117.4533	735.72	124.8867	819.6367798
6/6/2021	911.0533	120.38	736.4133	130.5267	752.5731812
6/6/2021	911.6133	120.1733	739.04	124.6933	752.5731812
6/6/2021	910.9277	121.224	742.0359	125.2733	806.1928101
6/6/2021	910.32	118.9015	743.48	120.18	816.5587769
6/6/2021	911.7183	121.43	744.2166	127.33	792.7424316
6/6/2021	910.9567	116.3767	744.0533	119.6567	807.5202026
6/6/2021	910.435	118.6933	743.3767	123.47	813.8970337
6/6/2021	910.435	117.1933	742.2166	119.7933	808.6702271
6/6/2021	910.9366	119.5367	740.3867	272.2033	816.4293823
6/6/2021	911.3683	123.1533	735.6633	163.3567	800.5586548
6/6/2021	911.2633	122.0867	734.87	134.5483	814.3532104
6/6/2021	911.17	117.97	737.0178	120.2633	816.8482666
6/6/2021	911.2211	119.8783	739.69	123.8933	756.2243042
6/6/2021	911.2633	118.9733	741.995	120.6367	813.5385132
6/6/2021	910.8644	119.9067	743.9467	127.3567	805.5650024
6/6/2021	911.5433	118.1567	743.63	120.4933	800.6980591
6/6/2021	910.7267	118.3867	742.54	121.97	820.6848145
6/6/2021	911.0067	118.7867	742.1467	126.7233	819.8979492
6/6/2021	910.5634	119.2567	740.9633	246.5933	813.5606079
6/6/2021	910.8633	122.4633	737.1733	203.87	818.9300537
6/6/2021	911.4933	117.45	734.7834	123.6267	819.8675537
6/6/2021	911.3683	118.88	736.0467	125.7867	757.7185669
6/6/2021	911.17	118.4567	739.4067	121.7567	790.3560181
6/6/2021	911.17	119.5467	742.7067	121.6433	785.5050659
6/6/2021	911.33	117.5433	745.295	121.1283	781.593689
6/6/2021	910.9366	115.72	745.7916	117.8267	799.7792969
6/6/2021	910.4817	117.4067	745.14	121.48	798.420166
6/6/2021	911.33	117.78	744.8467	123.4233	780.2658081
6/6/2021	910.6334	115.3433	743.3167	133.7533	792.901123
6/6/2021	909.8566	118.4967	740.5867	259.9667	793.7104492
6/6/2021	911.4933	123.2133	736.4933	165.65	775.4752808
6/6/2021	911.36	119.16	735.38	129.16	783.5060425
6/6/2021	911.34	119.02	737.66	120.72	790.1764526
6/6/2021	910.9366	118.5067	739.2433	119.4867	795.1449585
6/6/2021	911.6356	122.1133	741.9467	125.3433	798.7121582
6/6/2021	911.33	121.8267	743.7933	123.9767	797.0314941
6/6/2021	910.7933	115.1467	743.4767	117.7717	814.6407471
6/6/2021	911.33	116.35	742.5566	119.8783	796.8566284
6/6/2021	911.2767	120.5433	742.4366	147.7333	784.3026733

6/6/2021	911.7261	120.56	741.5286	257.9029	785.5176392
6/6/2021	911.34	117.66	737.03	183.16	792.7491455
6/6/2021	910.46	117.22	735.6	128.06	799.2976685
6/6/2021	912.04	122.12	736.72	131.12	783.3685303
6/6/2021	911.19	116.02	738.76	119.08	790.5872803
6/6/2021	910.98	115.44	742.18	117.58	816.9266968
6/6/2021	911.136	116.94	743.32	121.46	797.1186523
6/6/2021	911.22	118.58	744.46	124.6	793.9751587
6/6/2021	911.28	117.34	743.58	119.02	796.87146
6/6/2021	911.28	116.26	743.12	119.42	810.3939209
6/6/2021	911.56	116.14	741.98	197.26	810.3939209
6/6/2021	911.12	121.84	737.66	226.38	
6/6/2021	911.28	117	734.48	134.68	790.2584229
6/6/2021	910.2	116.54	735.06	120.12	811.9787598
6/6/2021	910.52	117.26	736.84	119.84	801.9324341
6/6/2021	911.48	121.7	740.72	124.52	791.744812
6/6/2021	911.5943	122.8029	742.8914	127.5943	798.0321655
6/6/2021	910.8734	116.4767	743.57	119.6233	797.5773926
6/6/2021	910.8734	119.3967	742.86	124.51	800.6903687
6/6/2021	911.6976	120.4541	742.3049	127.3656	791.6589355
6/6/2021	910.9333	120.225	740.9417	135.1167	798.5553589
6/6/2021	910.9542	119.8458	739.8583	258.8917	805.2775269
6/6/2021	911.85	124.3917	734.6042	179.2333	801.701416
6/6/2021	911.7167	116.8583	734.1167	126.9667	807.0134277
6/6/2021	911.5667	117.3333	735.825	124.9083	811.3535767
6/6/2021	911.1959	116.1667	738.575	121.075	809.4070435
6/6/2021	911.5583	122.525	741.4667	128.0917	799.3959351
6/6/2021	912.2083	115.775	743.0583	120.3583	796.0869141
6/6/2021	910.6917	114.725	742.8583	118.1917	800.3299561
6/6/2021	911.225	116.5667	742.825	122.3583	799.593689
6/6/2021	911.9458	120.7722	741.2417	127.275	787.3583374
6/6/2021	911.3917	118.85	740.9667	229.85	789.3248291
6/6/2021	912.55	122.7583	737.3667	207.4	787.1953125
6/6/2021	912.7333	120.225	734.45	139.125	800.6694336
6/6/2021	911.4556	119.0083	735.7083	126.825	798.5239868
6/6/2021	911.3917	116.8875	738.2833	117.9583	802.6769409
6/6/2021	912.325	118.8333	740.275	120.5583	796.6407471
6/6/2021	911.9667	122.5917	742.5917	127.4583	786.7391968
6/6/2021	912.8417	117.7917	744.3083	124.7833	785.0756226
6/6/2021	911.8583	116.925	743.0417	119.9333	784.826416
6/6/2021	913.475	119.75	743.4417	128.025	796.4223633
6/6/2021	913.1572	120.8571	743.0714	162.2115	789.6795044
6/6/2021	917.5	119.5	741.125	232.9	791.1567993
6/6/2021	914.35	122.875	736.875	145.025	778.1821899
6/6/2021	911.25	126.125	737.625	136.05	791.1396484
6/6/2021	909.7	125.75	739.15	122.825	790.2042236
6/6/2021	911.375	122.15	741.725	122.9	796.0424805

6/6/2021	907.2	122.2	743.875	122.075	793.1851196
6/6/2021	915.65	125.1	745.475	131.275	783.0102539
6/6/2021	912.0625	118.7667	746.05	117.1333	789.6052856
6/6/2021	911.5	120.275	745.1	118.45	782.1467285
6/6/2021	912.6375	119.175	744.35	119.875	859.0649414
6/6/2021	915.925	121.775	742.675	285.8	839.9146118
6/6/2021	916.8	127.5	738.3	195.5	813.602356
6/6/2021	917.4	118.6	735.55	124.55	815.6707764
6/6/2021	913.325	117.85	736.7875	119.075	823.135498
6/6/2021	913.725	119.25	739.8	121.75	724.5879517
6/6/2021	907.725	121.45	742.475	120.725	815.1958008
6/6/2021	911.5	118.5	745.675	125.675	815.1958008
6/6/2021	911.175	121.075	746.125	122.525	805.9452515
6/6/2021	913.275	118.175	745.45	120.725	799.2040405
6/6/2021	913.9	123.725	745.15	126.825	808.4959717
6/6/2021	912.275	120.0125	744.35	190.225	799.5958862
6/6/2021	910.3	125.475	741.2214	228.2643	812.2150269
6/6/2021	912.35	118.2333	737.7167	137.2667	813.5941772
6/6/2021	914.425	124.225	737.5917	125.9333	820.7561035
6/6/2021	913.2667	122.05	740.25	125.2917	810.0855103
6/6/2021	915.0416	124.225	743.2417	125.35	804.7559814
6/6/2021	913.2375	122.5417	745.4584	123.95	799.7265015
6/6/2021	911.8583	122.7833	746.975	127.1583	801.746521
6/6/2021	914.3667	113.4083	746.3417	125.6917	805.3568726
6/6/2021	926.1	120.95	745.975	126.6333	807.4900513
6/6/2021	918.1	128.8083	745.0167	119.6667	817.1917725
6/6/2021	933.6166	120.6167	744.375	239.5	812.9856567
6/6/2021	917.1166	130.2083	740.3708	180.0417	793.0930176
6/6/2021	916.5667	131.1917	739.5333	135.6167	796.8936768
6/6/2021	904.1917	120.25	740.0667	119.7333	807.9608765
6/6/2021	913.2333	119.7	741.35	119.8958	808.0623169
6/6/2021	912.5917	124.0667	744.875	125.7375	802.5290527
6/6/2021	913.575	127.3083	747.95	128.9583	799.1483765
6/6/2021	913.2333	112.5167	749.175	118.7042	806.6678467
6/6/2021	914.3667	115.2667	747.7583	121.3375	805.6087646
6/6/2021	917.85	120.4944	747.6917	121.625	799.9459839
6/6/2021	912.8417	123.3083	745.3667	158.775	801.0250244
6/6/2021	915.0083	127.3083	742.25	236.1333	792
6/6/2021	913.175	124.4833	739.4667	153.0917	807.555542
6/6/2021	913.0572	124.3143	739.9584	140.9333	802.2641602
6/6/2021	914.975	121.2917	740.925	121.0167	786.973877
6/6/2021	914.825	119.9167	742.3083	125.1417	803.3085327
6/6/2021	912.8667	121.2583	746.0667	120.3417	801.8493652
6/6/2021	913.4833	118.2333	746.8333	130.3667	814.1412964
6/6/2021	912.7958	121.1083	745.7417	117.5583	800.8744507
6/6/2021	912.9	123.05	745.75	125.5333	822.6742554
6/6/2021	914.3334	124.7083	746.2916	122.2667	778.8787842

6/6/2021	916.1667	125.875	745.4417	135.9583	784.8617554
6/6/2021	905.0167	124.65	744.4833	252.5417	750.3482056
6/6/2021	920.4833	128.075	740.2333	182.6333	845.2008057
6/6/2021	921.575	125.2583	737.3083	133.6	748.6886597
6/6/2021	911.0667	130.1167	738.5833	136.4875	783.3675537
6/6/2021	894.6917	117.5	741.075	118.9083	827.9611206
6/6/2021	912.6583	121.8361	742.9417	121.2	783.7136841
6/6/2021	913.6333	121.225	744.8917	118.175	778.9951782
6/6/2021	913.9083	128.7167	746.2083	125.5667	753.6090698
6/6/2021	913.6333	119.425	745.9667	121.35	764.024231
6/6/2021	914.975	122.875	744.825	117.925	761.2052002
6/6/2021	916.1667	124.25	744.5917	117.4667	774.3508911
6/6/2021	911.7417	126.5625	743.8834	132.0167	774.3508911
6/6/2021	914.6417	135.775	743.0417	230.025	855.3641968
6/6/2021	914.4584	130.9417	738.2333	164.675	798.5649414
6/6/2021	895.6143	127.8786	736.9333	120.1292	778.0594482
6/6/2021	914.825	125.325	736.675	126.05	790.8634033
6/6/2021	915.725	124.525	738.85	126.475	782.6278687
6/6/2021	911.625	121.35	741.8	120.525	779.2984009
6/6/2021	914.95	122.65	743.55	119.55	780.7557983
6/6/2021	913.15	124.4	743.375	120.5	777.2988281
6/6/2021	915.3	124.4	744.725	121.625	813.9892578
6/6/2021	916.4	122.875	743.7167	115.875	761.9871216
6/6/2021	915.775	118.3375	745.1	122.975	773.2219238
6/6/2021	915.225	120.45	745.775	155.525	790.9119263
6/6/2021	915.3875	126.025	741.625	208.5	809.1973877
6/6/2021	915.775	123.8	738.75	144.7	814.2811279
6/6/2021	916.5	128.35	738.975	126.275	806.9037476
6/6/2021	916.2667	127.85	740.85	133.1625	807.753479
6/6/2021	916.05	127.275	744.25	127.65	802.0722046
6/6/2021	915.15	128.2375	746.55	134.725	763.2290039
6/6/2021	913.9625	123.2	746.425	121.725	809.2090454
6/6/2021	918.575	122	745.625	128.25	816.2470093
6/6/2021	919.25	125.075	745.0875	124.35	816.6887817
6/6/2021	916.725	126.55	745.4	136.35	807.9782104
6/6/2021	916.925	132.425	744.575	200.125	810.1312866
6/6/2021	916.4917	129.9833	739.9833	217.4833	814.9466553
6/6/2021	916.8917	135.75	739.3833	141.45	813.0849609
6/6/2021	914.9333	133.125	740.55	132.6583	800.0015869
6/6/2021	913.2528	124.2167	743.6417	118.075	792.4834595
6/6/2021	924.3	124.1417	743.75	121.3167	784.7957153
6/6/2021	916.3666	124.575	745.9833	122.4833	796.0293579
6/6/2021	917.575	121.9667	746.8833	128.8417	793.397522
6/6/2021	911.875	118.2667	745.8666	120.75	817.0560913
6/6/2021	913.225	125.1417	745.7833	118.3667	831.1640015
6/6/2021	915.3333	125.3542	746.3	127.0333	792.1185303
6/6/2021	922.7833	125.6583	743.95	261.15	821.5722046

6/6/2021	911.0583	129.3083	739.1417	171.0083	810.6572876
6/6/2021	916.2833	118.95	738.4333	121.6833	811.5704346
6/6/2021	912.35	110.6417	739.4667	118.1167	721.6613159
6/6/2021	920.2833	113.7917	742.9833	128.9083	800.5891113
6/6/2021	922.4861	126.0083	746.1667	121.5917	809.4135742
6/6/2021	916.25	125.7	747.6334	119.7583	811.7815552
6/6/2021	917.775	125.1333	747.15	120.5833	821.869812
6/6/2021	916.7833	129.0542	746.9667	130.2	822.9084473
6/6/2021	913.8167	132.4917	746.9167	141.2667	821.8500366
6/6/2021	895.25	131.1083	745.2333	161.1	775.6530762
6/6/2021	920.8917	136.4083	742.9667	229.7333	795.6071167
6/6/2021	917.0583	135.575	738.8583	164.8833	790.0946045
6/6/2021	919.1	125.0917	740	120.25	830.036377
6/6/2021	917.2333	122.9167	740.5333	120.2833	830.036377
6/6/2021	915.6458	136.5167	743.05	120.5667	
6/6/2021	916.5208	125.825	746.35	125.0167	797.1798706
6/6/2021	916.0333	93.65	748.1833	118.2583	777.5487061
6/6/2021	915.725	124.45	747.6917	126.3417	791.8505859
6/6/2021	900.6167	130.65	746.7667	130.9833	807.5949707
6/6/2021	916.3666	121.425	746.1667	124.1917	804.7210083
6/6/2021	916.1279	122.7639	746.019	149.9738	805.163269
6/6/2021	916.62	127.6	742.96	240.58	809.756897
6/6/2021	916.82	131.58	739.06	147.3	818.5415649
6/6/2021	916.46	130.44	739.26	125.14	821.2886353
6/6/2021	915.24	120.16	740.56	118.22	787.7278442
6/6/2021	915.56	127.64	743.28	125.52	742.2791138
6/6/2021	917.08	132.28	747.6	132.38	793.9559937
6/6/2021	916.44	127.02	749.76	123.14	795.9799805
6/6/2021	915.96	128.34	748.74	119.68	797.4468994
6/6/2021	915.62	124.36	747.24	120.22	818.5719604
6/6/2021	915.8973	124.52	745.82	121.94	798.4955444
6/6/2021	917.1135	127.4933	745.0933	129.41	804.380249
6/6/2021	916.0367	132.7367	743.8066	293.5767	804.8206787
6/6/2021	915.765	128.9433	738.0834	170.1867	824.19104
6/6/2021	914.2133	123.2567	738.9083	119.3933	780.0999146
6/6/2021	914.5634	126.9917	740.8933	124.87	780.0257568
6/6/2021	914.8533	128.6167	744.2166	120.6867	774.1627197
6/6/2021	913.9533	126.6067	746.3583	121.15	781.8233643
6/6/2021	913.3433	125.3633	747.8767	121.55	781.0025635
6/6/2021	914.2567	124.8267	747.1417	125.9467	815.4654541
6/6/2021	914.8867	126.5167	746.3933	128.0167	806.6522217
6/6/2021	915.2189	123.42	745.0233	123.37	821.6682129
6/6/2021	914.8433	122.3817	744.4067	123.5067	815.9971924
6/6/2021	914.8433	124.9867	743.2433	256.9833	815.5664063
6/6/2021	915.0067	123.8933	738.6967	175.2933	815.8916626
6/6/2021	915.0067	121.0683	737.3933	127.0467	806.0612183
6/6/2021	914.4327	122.1717	738.61	120.33	787.7537231

6/6/2021	915.0067	122.95	741.1633	121.7567	781.3377686
6/6/2021	914.6567	121.385	744.04	120.0067	781.9874878
6/6/2021	915.4067	121.85	745.9467	120.8933	794.6157227
6/6/2021	915.6367	126.77	747.0978	130.1133	795.7937012
6/6/2021	915.3467	125.8067	745.8533	131.4733	783.2394409
6/6/2021	914.8217	119.02	744.73	118.5067	790.1752319
6/6/2021	914.8217	119.65	743.4384	122.8833	788.6841431
6/6/2021	914.6567	122.7417	741.8633	288.7033	811.9983521
6/6/2021	915.1431	127.22	737.6667	210.56	821.0488281
6/6/2021	914.7267	118.2533	735.98	120.28	823.6021118
6/6/2021	914.7733	119.7467	737.62	122	811.4291382
6/6/2021	914.9133	121.22	740.12	122.5267	798.5591431
6/6/2021	915.3133	124.68	743.54	127.2067	794.4372559
6/6/2021	914.9578	123.6533	745.04	121.6	808.3635254
6/6/2021	914.9844	122.3733	745.8533	123.8267	808.3635254
6/6/2021	914.58	124.4	744.8133	121.6267	807.3060913
6/6/2021	911.7733	128.7	745.2133	124.1533	816.2716675
6/6/2021	911.4733	120.7533	743.1867	125.0267	811.793457
6/6/2021	914.0467	120.68	740.3567	246.6867	813.607605
6/6/2021	915.78	115.9267	735.8734	156.4267	791.4436646
6/6/2021	916.1533	116.9667	735.94	124.1933	808.0249634
6/6/2021	915.1266	118.4	738.2133	125.6467	804.282959
6/6/2021	914.42	121.3533	741.0733	123.0667	812.8390503
6/6/2021	914.56	117.2	743.4933	119.3267	811.3504639
6/6/2021	915.0533	119.3	744.5156	118.9	795.7797241
6/6/2021	914.9133	118.02	744.4467	120.34	806.4301147
6/6/2021	915.3933	123.3089	743.4067	134.3867	780.7311401
6/6/2021	915.1343	120.5862	743.0172	148.0943	795.1451416
6/6/2021	914.07	120.84	741.94	206.43	785.5346069
6/6/2021	914.92	123.43	737.91	180.6	802.5722656
6/6/2021	915.06	121.54	736.8175	123.22	800.0246582
6/6/2021	914.67	121.39	737.68	122.49	816.2478027
6/6/2021	914.565	122.05	740.33	122.12	789.5325928
6/6/2021	942.145	122.08	743.85	126.66	807.6394653
6/6/2021	1070.67	126.78	774	141.67	0
6/6/2021	1177.33	132.12	1264.17	160.95	0
6/7/2021	1233.26	136.39	1269.44	177.65	0
6/7/2021	915.674	143.39	1244.65	196.34	821.1303101
6/7/2021	915.785	150.03	734.15	124.97	809.4099731
6/7/2021	914.98	143.43	738.13	146.87	803.4931641
6/7/2021	914.11	133.12	740.195	153.14	796.4532471
6/7/2021	912.61	123.25	739.15	197.3	789.312561
6/7/2021	913.89	119.77	737.51	128.79	794.1334839
6/7/2021	913.08	122.64	738.58	134.67	789.2333374
6/7/2021	914.785	127.04	740.78	132.09	793.9227295
6/7/2021	912.6467	120.485	743.29	120.35	795.8123779
6/7/2021	912.86	120.51	744.06	120.13	784.052002

6/7/2021	912.94	122.71	744.37	128.43	792.9465942
6/7/2021	913.905	122.41	744.96	127.94	784.3206787
6/7/2021	912.86	117.54	743.23	117.88	795.1884155
6/7/2021	912.2369	118.8646	742.42	211.65	793.5788574
6/7/2021	914.1867	124.4267	738.7333	206.58	777.5658569
6/7/2021	935.16	122.1933	736.8267	200.6333	807.0765991
6/7/2021	1076.08	128.9067	786.78	235.0267	0
6/7/2021	1167.397	135.0633	1261.647	241.0067	0
6/7/2021	1232.853	142.5867	1265.747	245.1933	0
6/7/2021	1251.193	146.5067	1252.14	253.4067	0
6/7/2021	914.1066	117.6867	1255.92	123.1867	3257.696533
6/7/2021	912.0933	123.9133	731.4534	127.5867	790.0317993
6/7/2021	912.7289	127.62	733.7733	127.4	728.0377197
6/7/2021	912.39	126.5933	737.9733	129.8933	799.7734985
6/7/2021	912.28	128.1733	740.64	130.92	799.2855225
6/7/2021	912.9033	132.6067	742.21	139.32	799.2855225
6/7/2021	912.6467	129.4933	742.5067	129.4133	
6/7/2021	913.0867	127.5067	742.6533	129.3067	795.9297485
6/7/2021	912.0933	127.1067	742.8734	128.3133	791.2077026
6/7/2021	912.0933	128.0978	743.1467	131.6533	778.1679077
6/7/2021	913.124	130.096	742.504	135.36	794.6220703
6/7/2021	912.6486	129.5686	741.5743	298.6971	813.5831299
6/7/2021	912.628	130.352	737.1934	184.94	810.1724854
6/7/2021	912.3867	128.5733	737.6833	134.8867	809.977478
6/7/2021	912.0933	128.02	739.6467	129.2733	816.4346313
6/7/2021	912.0933	128.6467	742.6133	130.4033	806.7547607
6/7/2021	912.0933	127.8433	744.7466	128.6067	810.5386963
6/7/2021	912.6133	128.2467	745.4167	133.0433	804.2845459
6/7/2021	913.0517	129.4267	744.9767	132.0267	805.4828491
6/7/2021	912.5034	128.1883	744.04	130.78	808.4449463
6/7/2021	911.9434	127.1767	742.73	128.9767	810.7305908
6/7/2021	912.7267	128.8967	742.8867	134.5967	803.5546875
6/7/2021	911.8767	130.6883	742.3433	169.5967	805.4509888
6/7/2021	912.2567	129.1767	739.52	226	810.3967285
6/7/2021	912.6511	127.2267	736.2867	147.0033	814.1540527
6/7/2021	912.8066	128.6733	738.07	133.4567	815.3131104
6/7/2021	912.1967	129.4433	740.8233	134.78	813.2460327
6/7/2021	912.4233	127.93	743.8116	129.35	810.4019165
6/7/2021	912.5034	127.9017	745.6433	130.45	810.1453247
6/7/2021	912.6733	130.8133	746.6133	133.9033	814.4494019
6/7/2021	912.9767	128.58	746.6133	132.7367	810.9093628
6/7/2021	912.5756	127.3467	744.3867	131.0967	818.0369873
6/7/2021	912.7267	128.4467	742.7467	133.4567	811.5266113
6/7/2021	912.65	130.7867	742.0133	257.73	820.5300903
6/7/2021	913.42	133.46	738.66	196.94	818.9195557
6/7/2021	913.86	134.78	737.58	137.52	815.3826904
6/7/2021	912.7	128.3	739.38	130.82	811.7497559

6/7/2021	912.98	130.28	742.5	136.28	806.8563843
6/7/2021	912.08	126.94	744.72	128.58	795.1394043
6/7/2021	912.98	127.14	745.75	128.8467	808.3399658
6/7/2021	912.08	128.7	745.48	135.98	800.0578003
6/7/2021	913.95	133.06	745.12	144.64	798.9498901
6/7/2021	912.82	126.56	743.96	130.42	801.1710815
6/7/2021	912.62	127.26	742.02	196.78	811.6646118
6/7/2021	913.18	130.86	739.42	234.8	802.9699707
6/7/2021	912.98	134.46	736.82	163.78	803.8268433
6/7/2021	912.08	127.26	738.36	130.18	798.6708984
6/7/2021	912.32	127.52	740.6	128.26	797.8294678
6/7/2021	912.88	129.34	742.92	131.42	805.5878296
6/7/2021	912.56	132.06	745.64	135.44	797.4468994
6/7/2021	912.41	127.98	745.68	131.22	800.3347778
6/7/2021	912.32	127.14	745.52	131.12	797.1398315
6/7/2021	912.48	127.635	743.96	133.38	800.9330444
6/7/2021	912.98	127.36	742.26	134.86	800.9330444
6/7/2021	912.29	127.64	741.18	287.2	806.1538086
6/7/2021	912.62	130.42	736.28	175.9	791.2734375
6/7/2021	912.98	129.34	736.32	143.78	796.5889893
6/7/2021	912.82	126.14	738.32	129	799.5296021
6/7/2021	912.08	126.02	741.12	127.56	816.0498047
6/7/2021	912.697	125.16	742.72	128.04	806.6721802
6/7/2021	913.4233	127.925	744.1467	133.825	800.2737427
6/7/2021	912.27	126.77	743.4767	128.92	799.2808838
6/7/2021	913.0721	124.9836	742.3312	131.1909	810.6413574
6/7/2021	913.1742	129.1675	741.43	140.9867	803.7344971
6/7/2021	912.9117	131.9617	740.5567	142.0367	811.1384277
6/7/2021	913.3616	127.865	739.235	262.1683	811.7362671
6/7/2021	912.265	126.7717	735.1483	166.0233	814.1046753
6/7/2021	912.9434	125.3517	735.1167	134.0217	813.5994263
6/7/2021	914.71	128.815	737.8083	139.9733	800.7768555
6/7/2021	914.5483	124.6517	740.2516	128.6517	803.3428345
6/7/2021	913.0517	124.9617	742.6917	130.3867	809.267334
6/7/2021	913.365	127.1617	743.7433	133.365	811.074646
6/7/2021	914.2217	125.9558	743.3567	133.9933	805.9790039
6/7/2021	915.3267	127.6267	742.2525	136.88	799.6962891
6/7/2021	914.8616	125.665	741.8566	136.6633	804.1864624
6/7/2021	914.7867	128.2617	740.805	253.6667	809.4234619
6/7/2021	914.5517	130.1517	736.9434	185.4167	807.2138672
6/7/2021	915.735	125.0383	737.6866	130.3033	799.1925049
6/7/2021	914.2383	126.765	738.92	136.915	807.7214966
6/7/2021	916.1171	125.1529	742.7423	129.8043	795.9033813
6/7/2021	915.46	127.42	744.84	131.17	817.6552734
6/7/2021	915.515	126.3275	746.185	128.845	811.3562622
6/7/2021	915.09	129.62	745.695	134.79	812.8392334
6/7/2021	914.71	129.41	744.975	130.32	810.6969604

6/7/2021	914.74	130.89	744.08	138.525	803.2960205
6/7/2021	915.155	127.055	743.225	179.08	807.2189941
6/7/2021	915.515	131.9775	739.68	224.395	803.4852295
6/7/2021	916.19	130.035	736.425	144.305	787.0020752
6/7/2021	916.165	130.1025	738.625	138.015	794.0836792
6/7/2021	916.18	133.71	741.925	135.875	0
6/7/2021	917.5	132.555	745.685	135.275	0
6/7/2021	925.71	131.87	746.32	131.855	0
6/7/2021	892.75	132.88	746.84	135.025	0
6/7/2021	916.125	130.465	746.81	133.425	0
6/7/2021	922.015	141.295	747.19	132.59	0
6/7/2021	909.85	132.125	746.9883	138.61	0
6/7/2021	916.51	135.44	745.58	278.505	0
6/7/2021	914.09	153.6	741.71	199.075	0
6/7/2021	916.615	124.3	740.375	132.43	0
6/7/2021	927.425	133.18	741.32	132.665	0
6/7/2021	909.825	131.3725	744.61	133.585	0
6/7/2021	917.28	137.08	746.725	135.93	0
6/7/2021	917.26	129.04	748.1257	130.7162	0
6/7/2021	916.9467	129.2908	747.8583	131.2717	0
6/7/2021	917.6033	130.4108	747.53	134.5367	0
6/7/2021	915.4533	137.215	747.3533	142.5433	0
6/7/2021	1007.36	140.425	1245.722	195.725	0
6/7/2021	1129.155	145.715	1252.865	220.3683	0
6/7/2021	1201.267	153.3217	1255.035	242.0617	0
6/7/2021	1236.84	158.8033	1257.986	262.5966	0
6/7/2021	1242.22	162.3367	1260.872	285.72	0
6/7/2021	1250.168	135.9417	1261.923	305.28	0
6/7/2021	1249.765	170.5033	1263.095	331.4583	0
6/7/2021	1251.028	173.41	1260.287	352.705	0
6/7/2021	1251.975	180.29	1255.988	372.89	0
6/7/2021	1242.065	185.8633	1257.37	389.425	0
6/7/2021	1244.172	185.565	1257.747	403.8267	0
6/7/2021	1253.46	187.7183	1257.923	418.4683	0
6/7/2021	1237.21	191.6283	1257.029	433.2083	0
6/7/2021	1233.21	191.3567	1255.917	444.1067	0
6/7/2021	1230.07	199.29	1257.153	458.0067	0
6/7/2021	1235.885	202.6308	1256.888	472.89	0
6/7/2021	1233.105	205.6892	1254.882	482.825	0
6/7/2021	1232.92	206.8633	1256.161	496.555	0
6/7/2021	1223.313	214.3467	1255.27	504.065	0
6/7/2021	1231.103	212.7117	1255.842	513.78	0
6/7/2021	1228.043	214.4667	1255.527	521.0034	0
6/7/2021	1229.89	212.8767	1257.215	527.1783	0
6/7/2021	1231.12	210.9917	1256.136	536.855	0
6/7/2021	1227.427	218.8483	1255.943	537.7017	0
6/7/2021	1224.937	218.815	1255.53	537.5059	0

6/7/2021	1227.613	208.74	1254.743	536.845	0
6/7/2021	1229.077	218.9567	1254.143	534.4984	0
6/7/2021	1229.275	221.8633	1254.402	533.7017	0
6/7/2021	1227.812	219.135	1255.275	532.8883	0
6/7/2021	1224.685	212.2933	1255.443	531.4216	0
6/7/2021	1219.46	222.115	1254.688	532.94	0
6/7/2021	1227.188	216.9467	1253.328	529.3267	0
6/7/2021	1227.362	219.4467	1253.413	527.4558	0
6/7/2021	1227.853	218.3467	1253.213	528.3434	0
6/7/2021	1229.777	219.2917	1252.598	527.0134	0
6/7/2021	1222.305	201.4283	1255.485	518.3083	0
6/7/2021	1225.678	221.016	1254.864	524.238	0
6/7/2021	1223.412	218.6583	1259.055	524.1133	0
6/7/2021	1223.455	232.7833	1258.943	524.025	0
6/7/2021	1222.92	223.8133	1256.427	520.6917	0
6/7/2021	918.715	223.055	743.785	525.83	0
6/7/2021	917.2875	221.005	749.56	532.345	0
6/7/2021	917.6025	214.185	752.995	468.765	0
6/7/2021	917.1425	211.9025	741.09	132.815	0
6/7/2021	917.025	131.1	741.88	127.935	
6/7/2021	914.315	137.095	744.17	138.33	791.5893555
6/7/2021	912.475	133.285	744.8625	133.875	784.9748535
6/7/2021	912.8025	132.3575	745.38	127.33	782.7034912
6/7/2021	908.735	132.61	745.645	131.195	778.1155396
6/7/2021	914.7	130.11	746.005	132.96	773.7973633
6/7/2021	913.7525	131.98	746.195	130.685	831.1123047
6/7/2021	913.465	132.185	745.805	128.61	754.8417969
6/7/2021	913.05	135.69	746.28	132.515	831.7715454
6/7/2021	914.605	135.91	747.015	135.62	831.6644897
6/7/2021	913.19	134.11	747.24	132.475	745.6365356
6/7/2021	917.23	134.07	747.085	130.135	823.1829224
6/7/2021	916.985	134.74	746.845	138.605	814.1414185
6/7/2021	907.7375	142.635	746.805	190.635	813.0567017
6/7/2021	915.885	136.72	743.425	263.655	823.593689
6/7/2021	915.275	136.315	737.5767	156.905	814.6993408
6/7/2021	916.725	134.4433	737.8608	132.89	759.5089722
6/7/2021	910.4329	137.2071	741.33	134.6371	824.447937
6/7/2021	918.3371	137.0029	744.5792	133.145	818.0418701
6/7/2021	913.8967	132.7367	745.6383	128.2217	817.687439
6/7/2021	910.0133	134.0017	745.515	124.02	810.4115601
6/7/2021	916.4683	131.3883	746.0067	137.805	815.2585449
6/7/2021	915.0784	133.4917	746.8083	142.3167	808.2282104
6/7/2021	911.2933	131.7883	746.5767	130.525	810.4359741
6/7/2021	915.1216	134.7817	746.9233	129.8783	816.4685059
6/7/2021	915.8716	135.1433	746.7617	136.9717	815.0632324
6/7/2021	907.5767	137.6608	747.1533	151.8233	813.7377319
6/7/2021	916.0659	132.6317	743.8016	260.97	810.4265747

6/7/2021	916.0466	134.0217	737.355	157.9833	815.5036011
6/7/2021	910.5133	134.1942	739.0383	151.27	801.4194336
6/7/2021	912.9017	132.8392	741.0225	145.7817	807.4856567
6/7/2021	905.73	138.07	745.115	131.6467	805.0976563
6/7/2021	909.3525	149.085	746.3683	131.3883	800.8848877
6/7/2021	915.615	132.6317	746.3766	136.4683	797.5598755
6/7/2021	916.725	133.1467	747.1783	144.7042	804.9787598
6/7/2021	916.775	134.525	746.845	135.565	813.3126831
6/7/2021	916.0467	135.8817	748.5639	135.5533	815.4478149
6/7/2021	916.83	138.0414	749.3314	136.1386	817.3617554
6/7/2021	912.6783	131.8758	749.4592	141.1583	809.8457031
6/7/2021	916.1133	134.4808	745.8617	231.9867	817.4396973
6/7/2021	916.0058	131.4383	740.3734	163.7683	812.7657471
6/7/2021	917.2233	132.265	740.0084	135.7233	813.5230103
6/7/2021	917.225	129.14	741.625	141.1383	808.2661133
6/7/2021	918.4717	133.7517	745.2866	135.9517	801.7505493
6/7/2021	914.6183	129.4617	747.9041	136.0533	821.8399048
6/7/2021	920.735	133.91	749.47	133.9967	814.4584961
6/7/2021	916.275	150.0617	748.5267	143.8133	815.5730591
6/7/2021	918.0867	132.9167	748.4783	135.795	815.5730591
6/7/2021	915.1767	163.84	748.7433	141.1333	806.8983765
6/7/2021	917.4634	131.9633	749.0084	133.54	818.3981323
6/7/2021	917.0734	115.68	749.1242	139.7242	816.4199219
6/7/2021	916.9033	133.0617	746.805	279.0333	816.5761108
6/7/2021	916.835	132.3517	741.505	205.6933	814.8203735
6/7/2021	915.8867	132.6617	738.265	132.975	813.8250122
6/7/2021	916.9836	132.9852	740.2065	130.2361	814.3934326
6/7/2021	911.1208	131.9424	742.483	130.5125	812.6032715
6/7/2021	915.64	132.76	745.363	134.6314	815.1047974
6/7/2021	916.84	130.92	747.15	132.82	815.1047974
6/7/2021	915.98	133.0867	747.48	136.1	812.5151367
6/7/2021	915.24	132.98	747.52	132.26	811.2816772
6/7/2021	916.28	132.16	747.8267	134.86	816.6652832
6/7/2021	916.0683	131.8122	748.4933	132.15	813.2961426
6/7/2021	916.5733	131.39	748.3116	146.8733	807.5630493
6/7/2021	916.0034	132.49	748.6367	271.0566	806.921814
6/7/2021	915.8133	132.1633	741.8867	202.1433	809.6021118
6/7/2021	915.645	132.1867	738.3767	140.38	805.6003418
6/7/2021	915.8089	130.7167	739.5133	136.3567	803.7605591
6/7/2021	916.5867	130.75	741.5133	134.2767	806.854248
6/7/2021	916.2233	131.7867	744.4867	133.4167	796.8120117
6/7/2021	915.5233	131.7767	745.8834	130.75	816.6328125
6/7/2021	916.5867	131.3767	746.79	135.74	815.9134521
6/7/2021	915.9933	131.8133	746.51	142.4367	816.960022
6/7/2021	915.4544	130.7133	747.8834	132.84	807.9903564
6/7/2021	915.79	130.9067	747.81	131.4133	805.4783325
6/7/2021	915.3066	131.39	748.0966	135.7767	803.9457397

6/7/2021	915.4383	130.6922	747.1567	209.4233	800.6824951
6/7/2021	915.7225	131.3767	742.3767	210.73	799.3441162
6/7/2021	915.8558	130.9067	739.2933	154.87	816.5103149
6/7/2021	915.4867	131.05	739.52	133.95	813.9215698
6/7/2021	915.655	130.3367	741.6934	129.6367	816.3936768
6/7/2021	915.7767	130.3133	744.5167	129.9633	813.2468262
6/7/2021	915.4733	130.118	745.6033	129.2133	812.1243896
6/7/2021	915.05	128.56	745.7267	128.2967	814.5960083
6/7/2021	914.7133	129.9867	746.79	146.1233	807.2090454
6/7/2021	915.4122	128.5822	745.78	137.7467	797.9691772
6/7/2021	915.2155	129.16	746.5933	139.32	821.4863281
6/7/2021	915.4733	129.16	746.3089	133.6867	817.5726929
6/7/2021	914.8422	128.1967	745.34	210.02	809.6790161
6/7/2021	914.1467	127.9517	741.7534	196.3067	806.6748047
6/7/2021	915.1533	128.0067	739.92	140.4733	806.9637451
6/7/2021	915.1177	128.0067	741.6334	136.8667	816.1298218
6/7/2021	915.1533	128.4467	742.9133	131.6533	816.8449097
6/7/2021	915.3933	127.7467	745.98	139.0467	812.5050049
6/7/2021	914.8511	126.8467	746.7955	129.8933	811.100708
6/7/2021	915.4822	127.3467	746.7133	135.2467	816.5296021
6/7/2021	914.7133	127.1067	746.5267	133.56	816.5296021
6/7/2021	915.1533	126.7933	745.6133	146.2133	807.6385498
6/7/2021	915.0067	127.3067	745.3734	131.8933	800.6898804
6/7/2021	915.1533	126.6467	746.0133	138.5867	815.2105103
6/7/2021	915.0733	126.74	744.5667	175.7533	810.3618774
6/7/2021	915.4733	126.8133	742.56	178.3	798.7895508
6/7/2021	914.8978	126.7233	741.2333	143.8333	788.4399414
6/7/2021	915.38	126.18	742.1	141.92	809.578125
6/7/2021	915.24	126.09	742.88	131.31	819.8775024
6/7/2021	914.82	125.13	745.14	131.76	791.9277344
6/7/2021	915.4533	125.48	746.87	135.31	787.2550659
6/7/2021	915.12	125.27	747.66	134.23	786.168396
6/7/2021	915.605	124.99	747.13	137.84	776.2778931
6/7/2021	915.5225	125.32	746.99	139.81	784.5184937
6/7/2021	915.22	124.205	746.38	132.67	793.8456421
6/7/2021	915.365	125.08	743.45	238.94	801.9244995
6/7/2021	915.115	126.18	739.27	175.45	793.9949951
6/7/2021	914.89	125.765	738.54	134.75	789.8748169
6/7/2021	915.1533	126.63	740.62	133.865	793.5704346
6/7/2021	915.24	127.235	742.65	138.07	790.0054932
6/7/2021	915.16	126.51	745.61	135.15	794.874939
6/7/2021	914.82	126.18	746.5467	147.96	791.5095215
6/8/2021	915.47	126.14	745.89	134.26	798.7072754
6/8/2021	915.33	125.32	745.83	136.85	795.4924927
6/8/2021	914.74	124.99	745.88	133.4967	799.9741821
6/8/2021	915.7775	124.59	745.84	134.84	786.057251
6/8/2021	915.1266	124.2867	745.3267	165.2467	782.3007813

6/8/2021	915.1654	124.59	742.73	217.48	790.9990234
6/8/2021	915.4028	125.85	739.76	170.1	785.9332275
6/8/2021	915.1171	125.445	739.64	133.72	786.0013428
6/8/2021	915.3933	125.2861	741.1	140.42	799.5601196
6/8/2021	915.2067	125.8267	743.0267	135.3133	796.894104
6/8/2021	915.2867	126.4622	746.1133	132.1733	795.7661133
6/8/2021	915.2067	126.3267	747.4133	134.9133	804.0475464
6/8/2021	915.66	125.3433	746.8933	129.46	800.4328003
6/8/2021	915.64	124.2867	745.5067	133.56	794.4072266
6/8/2021	915.1622	125.2267	744.8933	133.6267	783.1625366
6/8/2021	915.0734	124.2711	743.9667	211.8933	784.4992065
6/8/2021	915.4467	124.4	739.78	231.2133	797.4413452
6/8/2021	915.4266	124.2867	736.28	145.8067	796.5407715
6/8/2021	915.64	125.68	737.9534	135.6133	798.6644897
6/8/2021	915.1978	126.1933	740.1667	139.3133	782.2121582
6/8/2021	915.3933	125.0933	743.4534	135	798.3179321
6/8/2021	915.1266	125.4567	745.0133	139.2133	804.9420166
6/8/2021	915.3044	125.1733	745.0933	131.4733	801.6567993
6/8/2021	915.4289	125.0933	744.5822	131.6133	793.6991577
6/8/2021	914.7267	125.7367	744.9533	131.9867	797.3355713
6/8/2021	914.9133	125.3867	745.0367	144.2667	788.3031616
6/8/2021	914.56	126.6267	745.2534	133.0133	788.3031616
6/8/2021	914.8867	126.2015	744.5714	211.1267	
6/8/2021	915.2067	125.75	741.6967	204.1533	803.5457153
6/8/2021	914.8983	125.71	738.6733	153.0733	799.7769165
6/8/2021	914.5283	126.4067	739.5767	137.9817	798.1860352
6/8/2021	914.6567	125.0178	741.1833	134.0367	802.3626709
6/8/2021	915.3734	124.3967	744.28	129.4533	800.802124
6/8/2021	915.3533	124.2467	745.7417	136.0967	803.8461914
6/8/2021	915.3967	123.9133	746.48	136.0567	791.5618896
6/8/2021	915.0511	124.4189	745.0533	136.35	805.288208
6/8/2021	914.8467	123.8467	744.8533	130.2967	812.8635254
6/8/2021	915.3533	124.5433	743.72	132.06	809.6314087
6/8/2021	915.2466	124.9433	744.0267	202.9767	808.2680054
6/8/2021	915.0867	123.7067	739.6633	207.8233	796.6733398
6/8/2021	915.3033	123.0367	737.2867	145.1433	804.2387695
6/8/2021	915.084	124.4855	738.024	145.464	809.5466309
6/8/2021	915.28	123.54	741.54	135.54	808.5425415
6/8/2021	915.24	123.18	743.26	134.12	806.1688232
6/8/2021	915.56	122.48	743.78	131.52	806.34021
6/8/2021	917.2867	120.4133	742.6133	135.8967	809.5002441
6/8/2021	916.6467	121.1617	743.7067	137.6133	801.487854
6/8/2021	916.9133	122.2933	744.2933	131.7633	799.7011108
6/8/2021	916.61	123.6767	743.8934	176.0933	813.4453125
6/8/2021	916.5867	122.31	741.4567	221.2	795.8598022
6/8/2021	915.5467	124.4733	736.9067	161.6167	766.7373657
6/8/2021	916.0427	124.7256	737.1266	139.3633	769.6303101

6/8/2021	915.7225	124.8267	739.41	129.2367	819.9499512
6/8/2021	915.8267	125.1867	741.7133	132.5267	792.3486328
6/8/2021	915.8267	124.2317	743.7022	133.9867	806.1281128
6/8/2021	915.9033	124.1367	744.0933	136.9733	799.3731689
6/8/2021	916.5733	124.1233	743.5133	131.7867	797.4448853
6/8/2021	915.645	125.2233	743.6934	130.3267	787.152832
6/8/2021	915.4955	125.5867	744.0933	134.35	790.7894287
6/8/2021	914.8289	125.745	744.9767	133.2867	792.8895874
6/8/2021	915.1133	124.51	744.6133	138.0133	780.343689
6/8/2021	915.79	125.1867	743.3734	184.5633	783.9248047
6/8/2021	915.6729	124.79	740.5633	182.1433	773.3154297
6/8/2021	915.6475	123.7133	738.19	141.7933	760.7601929
6/8/2021	915.645	125.1817	738.81	128.9467	759.328125
6/8/2021	914.9622	124.5367	741.015	135.28	818.9790039
6/8/2021	915.4867	124.1133	743.4301	136.5367	846.1734619
6/8/2021	915.4617	124.795	746.2867	134.76	851.124939
6/8/2021	915.645	124.5233	745.61	127.8967	798.3835449
6/8/2021	915.6475	124.79	745.7067	133.0467	804.0914307
6/8/2021	915.645	125.1767	745.6967	136.2233	811.8321533
6/8/2021	915.4966	123.7133	746.1133	145.3267	822.8591309
6/8/2021	915.7883	124.3067	746.6356	132.36	769.5678711
6/8/2021	915.51	123.75	745.18	181.7967	779.5167236
6/8/2021	915.1133	123.7267	743.1934	181.8367	779.5167236
6/8/2021	915.1116	124.0967	742.8033	151.4167	774.5026855
6/8/2021	915.5388	124.1133	743.4034	131.3767	763.8272705
6/8/2021	915.7263	124.4617	745.2133	130.7133	780.9735718
6/8/2021	915.1233	123.69	746.7367	136.96	779.9046631
6/8/2021	914.9578	124.3533	749.4533	142.99	779.8572388
6/8/2021	915.4754	123.2	748.2466	129.14	783.3348389
6/8/2021	Scan Timec	Scan Timec	Scan Timec	Scan Timec	783.3348389
6/8/2021	Scan Timec	Scan Timec	Scan Timec	Scan Timec	783.3348389
6/8/2021	Scan Timec	Scan Timec	Scan Timec	Scan Timeout	
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6/8/2021	Scan Timec	Scan Timec	Scan Timec	Scan Timeout	
6/8/2021	919.255	124.615	749.035	135.815	784.5043335
6/8/2021	918.07	125.985	748.83	138.015	779.6903687
6/8/2021	918.66	125.4275	748.43	205.12	817.1188354
6/8/2021	917.23	129.095	745.5075	221.485	782.7247314
6/8/2021	916.34	129.585	743.245	136.34	790.972229
6/8/2021	917.755	127.26	743.575	135.66	799.3756104
6/8/2021	917.44	128.0125	746.885	135.1	805.2566528
6/8/2021	916.7775	129.34	750.24	130.105	794.9181519
6/8/2021	917.0925	129.005	749.74	134.49	792.0561523
6/8/2021	917.26	128.77	749.895	137.04	799.965271
6/8/2021	920.42	127.925	749.34	132.915	800.8322144
6/8/2021	917.4225	127.645	749.07	129.005	812.2905884
6/8/2021	907.15	128.515	748.23	133.845	820.192627
6/8/2021	906.975	128.045	746.895	230.385	823.5477295
6/8/2021	918.995	130.9	743.07	175.19	827.3790894
6/8/2021	918.665	129.955	743.585	134.245	780.2498779
6/8/2021	914.935	125.655	745.5917	133.13	772.6309814
6/8/2021	917.4225	127.87	747.775	136.325	755.4793701
6/8/2021	915.94	129.93	752.36	134.965	827.0275269
6/8/2021	917.43	128.38	752.23	134.19	827.0275269
6/8/2021	919.64	119.34	750.17	135.33	804.1782227
6/8/2021	920.9725	125.185	749.095	140.075	795.5197754
6/8/2021	916.38	122.13	750.195	135.455	792.968811
6/8/2021	916.055	131.95	748.7875	243.54	799.5670166
6/8/2021	918.905	127.085	744.885	185.04	801.140564
6/8/2021	911.9177	124.16	743.61	140.27	787.1433105
6/8/2021	924.6367	132.1667	745.1284	138.88	800.2172852
6/8/2021	923.47	127.15	747.73	135.185	808.8492432
6/8/2021	918.275	125.71	750.615	132.885	789.4854736
6/8/2021	918.905	124.28	752.2125	137.355	794.1410522
6/8/2021	916.57	145.825	750.9925	138.265	788.47229
6/8/2021	920.53	129.285	750.63	138.59	801.4480591
6/8/2021	928.41	118.785	750.0175	141.56	805.1029663
6/8/2021	923.0934	123.9017	748.39	243.9983	815.7920532
6/8/2021	919.65	128.5033	746.19	183.235	803.9574585
6/8/2021	915.0084	128.3717	745.2911	139.965	804.3640137
6/8/2021	920.145	129.97	747.6367	144.1967	809.4612427
6/8/2021	926.0967	131.525	748.41	135.2283	796.9321899
6/8/2021	919.2466	124.6683	751.1567	132.9767	807.5325317
6/8/2021	920.1859	129.01	752.455	137.135	823.7052002
6/8/2021	918.2134	130.605	753.3184	153.305	805.3624878
6/8/2021	917.4283	127.9283	752.2617	141.2967	817.4401855
6/8/2021	919.6984	129.9267	750.1867	134.9692	806.1015015

6/8/2021	919.375	130.9017	748.2633	244.845	802.7011719
6/8/2021	919.1733	132.2067	745.5717	190.2233	809.3944092
6/8/2021	924.3433	135.1767	743.7017	137.34	802.8174438
6/8/2021	919.5734	132.6467	746.3734	135.3144	802.5047607
6/8/2021	917.1934	130.575	749.1008	134.2967	796.9668579
6/8/2021	923.8666	130.9508	750.665	135.0267	807.1464233
6/8/2021	919.5734	133.1933	750.265	139.5417	813.6298218
6/8/2021	917.7983	133.5358	750.3734	132.53	814.5912476
6/8/2021	920.0717	128.9917	749.5633	143.3717	798.8372192
6/8/2021	920.0775	133.4383	750.0433	137.7583	793.2092896
6/8/2021	919.8267	134.8829	751.1633	137.8317	794.6240845
6/8/2021	919.9434	130.9167	749.7283	216.2717	800.5723267
6/8/2021	918.4916	133.6733	747.49	188.7533	798.0928345
6/8/2021	911.5917	133.1367	745.7733	138.495	788.940918
6/8/2021	919.4266	134.315	747.2733	140.6067	793.9043579
6/8/2021	920.105	142.7517	748.1367	136.2033	795.6610107
6/8/2021	921.1317	134.9933	750.5325	136.4725	786.9541016
6/8/2021	919.13	133.685	751.2725	132.4567	778.4746094
6/8/2021	921.685	133.1417	751.49	135.3017	783.5632935
6/8/2021	916.3617	130.5317	750.8633	137.3983	791.5830078
6/8/2021	920.5483	133.0983	750.9083	132.9883	785.06427
6/8/2021	918.3617	130.3367	750.8267	174.135	782.9911499
6/8/2021	931.97	130.575	746.025	205.4183	780.6189575
6/8/2021	918.3417	133.1567	743.9717	158.3533	784.3095093
6/8/2021	917.9633	132.4017	745.9733	131.47	784.3095093
6/8/2021	922.3233	130.8983	746.5367	129.3033	782.8231201
6/8/2021	921.2767	131.1533	748.7183	130.2017	774.859436
6/8/2021	920.5566	135.2217	751.8116	131.4092	780.9143066
6/8/2021	920.0717	132.0682	751.7267	133.5567	822.5665283
6/8/2021	919.6683	132.2983	750.1733	129.9633	779.6271362
6/8/2021	916.66	129.2217	750.095	139.0883	784.8863525
6/8/2021	914.805	133.5575	750.2344	138.0517	811.885437
6/8/2021	923.4025	123.86	749.1884	212.7617	811.5632935
6/8/2021	929.7683	132.9117	745.19	159.835	803.2382813
6/8/2021	920.1633	133.2567	744.6183	144.2617	800.9712524
6/8/2021	920.9933	130.325	746.29	132.61	810.3544922
6/8/2021	920.6091	131.4133	747.8492	128.9183	805.4644775
6/8/2021	920.865	133.5883	750.11	128.0294	810.1419678
6/8/2021	920.5933	136.875	751.1583	137.5517	801.2807617
6/8/2021	920.5817	135.7758	750.9883	138.405	800.2445679
6/8/2021	920.2133	132.3717	750.095	131.315	785.1402588
6/8/2021	920.5817	133.2625	750.0117	131.8117	787.5065918
6/8/2021	920.9933	131.8067	749.7966	227.9817	793.8355103
6/8/2021	920.52	134.73	747.3667	219.2717	778.0374146
6/8/2021	920.0779	129.655	743.0084	143.3717	778.6782227
6/8/2021	914.3683	134.38	744.5916	133.9383	781.9312134
6/8/2021	913.7166	130.35	745.225	133.0292	816.1251831

6/8/2021	918.0433	135.3517	750.2966	133.2867	815.026062
6/8/2021	921.2767	132.2933	750.7233	127.7442	809.1414185
6/8/2021	920.5933	131.4067	749.3917	129.575	795.1708984
6/8/2021	924.7617	137.97	749.585	132.29	787.7563477
6/8/2021	920.5883	131.7917	748.2966	143.9667	821.0525513
6/8/2021	907.6267	133.9267	747.8917	132.6833	789.1071777
6/8/2021	920.2067	132.1317	747.7966	218.5083	818.0880127
6/8/2021	923.7567	136.4217	744.2633	170.8767	810.6466675
6/8/2021	920.2067	135.745	742.8066	139.0067	809.3703613
6/8/2021	920.14	133.2317	744.5092	148.485	803.8895874
6/8/2021	920.5966	135.1108	746.7983	131.4067	816.3707886
6/8/2021	920.6116	132.495	749.3934	132.5367	808.041748
6/8/2021	920.5941	133.9883	751.215	137.3233	800.4102173
6/8/2021	932.505	136.8217	752.0333	148.3183	811.2059326
6/8/2021	921.6875	132.1267	751.9833	130.355	821.3809814
6/8/2021	918.5717	129.6758	750.0916	133.5817	824.3113403
6/8/2021	921.7067	126.76	749.5883	139.555	818.7600098
6/8/2021	922.3975	129.0167	749.1767	230.4867	812.5136108
6/8/2021	921.3114	142.2428	743.6957	206.2543	777.300354
6/8/2021	920.88	133.395	742.11	131.8257	787.6170044
6/8/2021	919.43	133.37	744.18	138.33	783.6611328
6/8/2021	921.42	131.585	745.995	133.22	777.1854858
6/8/2021	921.755	151.8	748.41	132.335	784.8650513
6/8/2021	921.045	132.905	749.785	129.815	778.1938477
6/8/2021	920.425	131.63	749.625	133.57	777.49823
6/8/2021	921.37	130.64	749.005	131.135	777.49823
6/8/2021	921.98	132.1117	748.915	133.2175	782.1252441
6/8/2021	927.8	132.335	748.685	132.295	777.7539063
6/8/2021	920.935	136.23	749.515	134.265	777.5129395
6/8/2021	920.53	132.74	749.03	219.085	834.324585
6/8/2021	919.605	132.84	744.89	202.28	775.5383911
6/8/2021	919.015	140.05	741.805	142.67	781.4087524
6/8/2021	920.66	130.165	742.97	131.265	780.4382935
6/8/2021	920.425	131.695	745.5825	130.875	780.0979004
6/8/2021	921.105	129.3425	746.785	132.23	778.3824463
6/8/2021	921.0583	129.9	748.8	135.2833	774.3760986
6/8/2021	920.6945	131.25	750.2667	139.5667	779.4939575
6/8/2021	920.8167	128.25	750.2667	144.6333	779.9417725
6/8/2021	922.5833	131.3333	748.85	133.65	784.1896362
6/8/2021	922.35	136.5	747.2167	132.3167	786.4557495
6/8/2021	919.0333	122.3	747.1333	165.9167	779.9855957
6/8/2021	919.75	131.5333	744.5833	229.4667	779.8855591
6/8/2021	919.75	130.8833	740.6333	144.8833	783.8324585
6/8/2021	920.4166	130.4333	741.6167	131.7167	786.1977539
6/8/2021	919.5667	130.8167	744.3667	132.3833	778.3534546
6/8/2021	918.95	131.5667	747.5333	136.65	784.15979
6/8/2021	919.1666	131.5833	748.9833	134.9167	780.3288574

6/8/2021	919.4667	131.4667	748.7333	132.2667	783.7816772
6/8/2021	919.2333	131.3333	748.0333	132.0333	784.5047607
6/8/2021	918.9833	130.4333	747.153	136.5667	783.6728516
6/8/2021	919.05	131.2167	746.9167	134.4167	774.7717285
6/8/2021	919.8334	130.3222	745.9667	198.1667	778.1939697
6/8/2021	919.2333	129.5667	743.1667	239.1	782.9037476
6/8/2021	919.0333	129.7333	739.3666	154.9667	783.9983521
6/8/2021	919.0333	130.4667	740.1334	134.5	781.3330688
6/8/2021	919.2333	129.4667	742.4667	138.5	784.0270996
6/8/2021	919.4733	129	745.6333	133.8667	784.5435791
6/8/2021	918.9166	129.0167	747.0333	132.9	782.4655151
6/8/2021	919	129.5667	747.9667	133.2333	781.7016602
6/8/2021	919	129.5333	746.8222	139.7	782.8463745
6/8/2021	918.82	128.6333	745.8167	133.5	786.5141602
6/8/2021	919.7667	129.3667	745.4667	130.5667	784.7327881
6/8/2021	919.2667	128.4667	746.1	132.7667	789.0308228
6/8/2021	919	129.3667	745.0667	242.0333	787.5588989
6/8/2021	918.9333	128.95	740.65	214.3	788.2167358
6/8/2021	918.3555	129.4667	738.1334	140.7	788.0341187
6/8/2021	918.8666	128.7667	740.4166	136.0667	789.8447876
6/8/2021	918.7111	128.9583	742.8	131.9	798.321167
6/8/2021	918.7333	128.95	745.5333	131.7	785.9083862
6/8/2021	918.9	129.3333	746.6667	131.9333	792.7410278
6/8/2021	918.88	128.0333	746.8666	137.5333	795.133667
6/8/2021	918.8333	126.75	747.4	136.4333	793.9567871
6/8/2021	919.2	127.1714	746.2143	136.9857	789.2215576
6/8/2021	918.7	127.75	745.65	138.2	789.2215576
6/8/2021	918.875	127.925	745.1	137.3	795.7171021
6/8/2021	918.95	127.75	743.25	235.6	796.4886475
6/8/2021	918.875	127.75	739.7	159.4	793.8907471
6/8/2021	918.95	127.95	740.35	143.7	797.3148804
6/8/2021	919.025	127.75	742.25	136.7	794.9072876
6/8/2021	918.95	127.75	744.425	132	791.5132446
6/8/2021	919.0125	128.15	747	130.7	794.760376
6/8/2021	919.05	127.95	748.05	129.4	790.4888306
6/8/2021	918.95	127.95	748.05	131.95	794.6144409
6/8/2021	919.01	128.025	747.3	131.6	796.1416016
6/8/2021	918.95	127.95	746.4	135.6	797.8978882
6/8/2021	918.95	128.4	745.2	207.75	793.0184937
6/8/2021	918.85	128.4	741.25	210.15	791.7173462
6/8/2021	918.95	128.85	739.05	142.6	794.946106
6/8/2021	918.975	128.2	741.15	147.75	795.5371704
6/8/2021	918.4	128.3	743.1	133.8	796.0283203
6/8/2021	919.4	127.575	745.95	134.7	792.5913086
6/8/2021	918.95	127.6	746.5	129.95	794.4407959
6/8/2021	918.85	127.05	746.6	133.1	793.3495483
6/8/2021	918.75	127.2	746.3	133.6	796.8606567

6/8/2021	918.95	128.5	746.1	133.95	797.5601196
6/9/2021	918.875	127.75	745.05	153	797.3199463
6/9/2021	918.95	127.2	742.25	254.3	794.1644897
6/9/2021	919	127.5333	738.15	169.9667	794.4459229
6/9/2021	919	127.0667	738.6	141.7667	789.8131104
6/9/2021	918.8666	127.4444	741.2333	129.6333	800.6998291
6/9/2021	918.8666	127.5333	743.9667	132.5333	798.0033569
6/9/2021	918.8333	127.6667	746.0333	128.3667	802.8001709
6/9/2021	918.9	126.6333	746.95	133.2333	791.7058105
6/9/2021	918.9333	125.9667	747.0667	132.4667	794.09729
6/9/2021	918.85	126.9333	745.1	131.9333	793.0964355
6/9/2021	918.925	126.9	745.1334	134.8	802.2865601
6/9/2021	918.9	127.0889	744.3333	170.2333	797.3209839
6/9/2021	918.6667	127.6333	742.5667	256.9333	804.2608032
6/9/2021	918.94	127.3111	737.9667	165.7	796.0802612
6/9/2021	918.7111	127.7333	738.2	130.5667	797.4196167
6/9/2021	918.9	126.5333	741.2333	137.1333	796.927124
6/9/2021	918.6667	127.5333	744.1334	133.8333	796.0736084
6/9/2021	919.08	126.9333	746.4333	139.0667	799.3625488
6/9/2021	918.9	127.0333	747.0333	133.4667	805.8214722
6/9/2021	919.2556	126.4333	746.4333	141.0667	797.6547241
6/9/2021	919	127.3111	745.2	133	795.8530273
6/9/2021	918.8167	127.1667	745.6	140.2	792.3007813
6/9/2021	919.0667	127.9	744.75	153.4	795.5009766
6/9/2021	918.85	126.4111	742.2167	249.65	797.9991455
6/9/2021	918.7333	127.6667	738.6666	151.7833	800.8257446
6/9/2021	918.9417	127.1083	739.5333	134.0167	798.5978394
6/9/2021	918.825	127.3333	742.3834	131.1667	798.5978394
6/9/2021	918.5167	126.4167	743.4667	132.1667	797.677063
6/9/2021	919.0167	126.4667	746.1334	129.8667	797.0979614
6/9/2021	918.9833	126.0667	746.7833	130.3667	800.3338013
6/9/2021	918.4667	126.8833	745.6167	130.5167	797.7841187
6/9/2021	918.8833	127.1556	745.3667	135.9	800.4703369
6/9/2021	919.05	127.4667	744.9333	139.1333	804.6275635
6/9/2021	918.9786	126.6333	743.625	245.8833	800.4768677
6/9/2021	918.8833	126.825	739.25	189.2667	798.8374634
6/9/2021	919.05	125.9667	738.35	135.5333	799.2796021
6/9/2021	918.85	126.1167	740.15	129.375	800.131897
6/9/2021	919.05	125.5667	742.9166	133.35	792.8214722
6/9/2021	919.0222	125.85	745.9833	130.4	796.6102295
6/9/2021	918.9833	125.05	746.3167	131.65	799.8062744
6/9/2021	918.8875	125.2667	746.4667	128.9667	794.52948
6/9/2021	918.85	126.4778	745.525	134.7583	794.6414795
6/9/2021	918.5834	125.7167	745.3667	134.6167	792.708313
6/9/2021	918.6334	125.2389	744.0667	157.3333	794.5856323
6/9/2021	919.0833	126.2333	741.35	245.15	794.9468384
6/9/2021	919.1	125.6	738	157.4	793.7449951

6/9/2021	917.7	126.3	739.7	155.6	795.1942749
6/9/2021	918.4	125.6	741.5	136.2667	797.2568359
6/9/2021	919.5	125.4	744.1	130	794.8679199
6/9/2021	918.8	125.9	744.6	131.8	797.6912231
6/9/2021	919	125.2	745.2	138.4	796.3866577
6/9/2021	918.6	125.4	745.2	131.1	804.2588501
6/9/2021	919.1	125.35	744.6	131.8	798.1716919
6/9/2021	919.1	125.6	744.6	143.5	803.8823242
6/9/2021	919.1	125.55	742.4	231.8	800.8294678
6/9/2021	918.4	125.9	739.1	171.7	799.3058472
6/9/2021	918.2	125.9	739.1	131.8	797.298645
6/9/2021	918.8	125.2	741.3	131.8	801.0200806
6/9/2021	918.4	125.6	743.7	137.6	799.9963379
6/9/2021	918.8	125.2	745.9	130	795.1581421
6/9/2021	918	125.75	747.6	135.1	802.1195679
6/9/2021	919.1	125.6	747	131.1	800.3598022
6/9/2021	919.1	125.75	745.9	130.3	802.4139404
6/9/2021	917.7	125.6	744.65	130.3	799.1845093
6/9/2021	918.75	125.6	744.1	184.2	795.7142944
6/9/2021	919.1	124.1	740.2	228.5	803.291748
6/9/2021	918.7385	125.0167	737.05	141.5667	804.0487671
6/9/2021	918.7333	124.8667	738.9417	135.1667	795.6618652
6/9/2021	918.1333	125.2583	742.2333	134.6667	800.9319458
6/9/2021	918.9833	124.6833	744.45	130.4	797.5720215
6/9/2021	918.7333	124.7417	746.15	136.075	791.7294312
6/9/2021	918.9166	124.9667	746.0333	134.7583	796.15625
6/9/2021	918.1833	124.2833	745.6833	132.1667	794.2109985
6/9/2021	918.825	125.1333	744.8167	136.0167	799.4645996
6/9/2021	918.8625	125.4667	744.0167	136.3833	799.4645996
6/9/2021	918.925	125.0222	743.0667	249.8167	798.9537354
6/9/2021	918.5167	124.7333	738.9833	191.0333	797.3546143
6/9/2021	918.925	124.6167	737.95	132.6833	800.2579956
6/9/2021	918.5167	124.75	739.6334	134.3	801.0340576
6/9/2021	918.7333	124.75	742.2667	135.8333	798.7800903
6/9/2021	918.9833	124.6167	745.5	129.45	796.7955322
6/9/2021	918.1833	124.1667	746.5667	129.4833	801.0038452
6/9/2021	919.6334	123.8231	746.4333	136.9	803.333374
6/9/2021	918.1667	123.7733	745.9667	132.7667	801.5680542
6/9/2021	918.1882	124.2333	744.8666	129.3333	804.1586304
6/9/2021	919.05	124.2167	744.5167	170.9667	804.1586304
6/9/2021	919.4667	123.1833	740.7167	225.55	800.2362061
6/9/2021	918.3298	124.4787	737.3065	159.6574	800.8950806
6/9/2021	919.24	124.605	738.87	134.3	802.8867188
6/9/2021	920.48	123.855	740.425	129.48	806.1971436
6/9/2021	919.5467	123.315	743.76	131.085	804.6091919
6/9/2021	919.485	123.14	745.665	133.845	794.8320923
6/9/2021	919.24	125.025	745.9933	134.965	804.8727417

6/9/2021	919.83	123.96	745.575	129.46	804.6066895
6/9/2021	919.76	124.2925	744.81	134.33	799.1786499
6/9/2021	920.285	124.4575	744.93	147.985	800.8253784
6/9/2021	920.33	124.815	744.3525	272.68	808.8178101
6/9/2021	920.095	125.8475	740.975	207.945	808.8178101
6/9/2021	920.34	124.9725	738.66	137.46	804.5658569
6/9/2021	920.005	125.985	741.195	133.655	799.9694214
6/9/2021	920.53	125.845	743.06	133.67	799.3677368
6/9/2021	919.6225	126.755	746.17	129.985	799.0800171
6/9/2021	920.33	126.615	746.875	129.46	798.8311157
6/9/2021	920.845	125.97	747.53	132.185	799.3562012
6/9/2021	920.845	126.37	746.93	131.66	800.8912354
6/9/2021	920.3925	127.26	746.735	137.075	795.8786621
6/9/2021	920.985	127.975	746.735	133.285	798.7402344
6/9/2021	920.585	127.3713	744.745	255.79	800.4494019
6/9/2021	920.355	128.62	740.34	180.84	802.6738281
6/9/2021	920.6234	127.5317	740.3416	135.63	802.6738281
6/9/2021	920.8066	128.7067	742.3483	136.575	798.7868652
6/9/2021	915.574	128.102	745.264	131.968	799.9625854
6/9/2021	921.5561	127.5933	747.0967	130.8317	797.7024536
6/9/2021	918.7166	128.6933	749.1934	133.2383	798.5471191
6/9/2021	914.6433	128.4817	749.8725	139.6183	803.3061523
6/9/2021	921.8317	127.2317	749.4966	132.3683	796.6114502
6/9/2021	912.865	131.2317	748.6978	129.77	810.2736816
6/9/2021	918.6783	127.17	748.4033	170.9483	789.1408081
6/9/2021	921.8933	130.98	744.1716	234.0617	854.2698975
6/9/2021	928.69	117.5083	741.2416	150.03	859.1017456
6/9/2021	921.0734	130.1083	742.8317	143.9817	786.9186401
6/9/2021	922.7867	126.795	745.835	143.125	786.9186401
6/9/2021	927.0217	130.8683	748.235	145.8317	799.791687
6/9/2021	922.075	129.83	750.8383	134.8933	799.791687
6/9/2021	922.7767	129.0808	750.1383	132.125	794.1381836
6/9/2021	907.0933	135.305	750.6033	138.9317	789.437561
6/9/2021	925.885	131.2183	750.5067	151.295	790.8925171
6/9/2021	922.8134	129.9383	749.5809	133.105	779.5725708
6/9/2021	921.9066	131.5033	748.7717	286.0033	796.0761719
6/9/2021	921.5192	131.9683	743.11	182.0117	781.7225342
6/9/2021	923.275	129.9517	742.8633	154.2433	770.2907104
6/9/2021	922.195	133.03	745.4217	133.4333	775.8150024
6/9/2021	930.9417	133.5467	747.9583	132.6783	788.0288696
6/9/2021	921.9733	133.3067	750.215	130.2217	788.0288696
6/9/2021	923.2783	137.2833	750.7734	134.7717	781.7073975
6/9/2021	916.4217	132.0392	750.51	130.0033	796.3156738
6/9/2021	922.4883	132.2033	749.8783	127.1783	801.3781738
6/9/2021	924.7034	132.865	749.1266	134.6617	780.0481567
6/9/2021	925.055	128.7917	749.1266	157.325	865.4020386
6/9/2021	923.4525	133.2483	746.725	254.2433	781.8706055

6/9/2021	926.155	130.5875	741.5734	162.8467	767.3539429
6/9/2021	926.685	131.3217	742.4634	135.8167	781.6885986
6/9/2021	923.515	133.3033	745.7583	140.4767	781.9545288
6/9/2021	925.3683	130.8267	747.39	132.6817	787.6046143
6/9/2021	922.5267	133.03	749.4633	130.04	787.1359863
6/9/2021	923.3109	132.9517	750.1292	132.865	851.5859985
6/9/2021	920.7667	131.9467	750.71	139.445	777.0302124
6/9/2021	925.695	135.1033	750.2783	147.0967	780.7059937
6/9/2021	924.43	128.0933	749.8317	132.2233	782.175293
6/9/2021	930.0234	130.9908	748.5634	234.5933	777.093689
6/9/2021	923.455	132.675	745.17	207.815	777.9561768
6/9/2021	918.6915	133.3671	743.5292	141.6871	778.8791504
6/9/2021	925.01	127.29	745.795	131.31	769.5372925
6/9/2021	914.045	134.86	746.83	136.025	840.770813
6/9/2021	926.48	135.9	749.335	136.29	768.2383423
6/9/2021	918.06	130.6	751.06	136.7675	766.8817749
6/9/2021	916.02	134.43	751.995	130.36	774.8167725
6/9/2021	931.38	131.58	750.44	135.31	784.1472778
6/9/2021	924.685	132.745	749.565	136.84	778.3927002
6/9/2021	923.695	131.7475	750.285	140.03	855.5881958
6/9/2021	923.28	132.725	748.505	264.44	777.1132202
6/9/2021	924.235	131.31	743.395	189.185	778.7056885
6/9/2021	924.135	133.24	742.265	136.735	784.4237061
6/9/2021	923.305	135.81	745.305	129.54	781.4016113
6/9/2021	923.56	135.74	747.37	130.98	787.5620728
6/9/2021	923.85	133.18	749.9725	137.51	779.7350464
6/9/2021	923.1175	136.785	752.975	131.74	782.875061
6/9/2021	922.14	135.09	752.67	130.43	774.2265625
6/9/2021	929.9857	133.2786	751.3284	131.31	818.5515137
6/9/2021	921.73	133.115	750.8967	140.84	823.3675537
6/9/2021	930.28	134.005	750.105	147.675	823.3675537
6/9/2021	924.775	133.94	747.765	240.585	820.4413452
6/9/2021	917.0167	133.9633	743.5625	163.7383	812.6903687
6/9/2021	923.495	133.1033	744.4783	151.4583	815.7086182
6/9/2021	922.1733	135.365	746.69	128.5183	812.3779907
6/9/2021	923.61	132.4817	748.5867	131.8367	821.4086304
6/9/2021	924.275	135.1367	750.005	134.9833	768.149231
6/9/2021	922.465	134.355	751.7516	137.5767	802.0289307
6/9/2021	923.9067	134.6883	752.1166	133.3233	810.244812
6/9/2021	928.2083	135.395	752.2883	140.8333	801.87854
6/9/2021	923.1934	134.0417	751.0034	131.8483	813.7723999
6/9/2021	927.1384	131.83	749.9558	180.1967	792.6137085
6/9/2021	924.9908	134.2917	745.4117	222.1133	794.9884033
6/9/2021	923.1934	134.3683	742.8217	156.1883	732.8903198
6/9/2021	923.5067	132.1867	743.8967	131.0933	713.1966553
6/9/2021	923.1317	135.395	747.5783	135.3467	803.109375
6/9/2021	924.47	145.9533	748.8983	127.48	781.8435059

6/9/2021	920.2183	137.2567	750.4966	131.3517	759.6509399
6/9/2021	923.3525	133.7917	751.3934	136.4817	804.7183838
6/9/2021	923.5133	129.2917	751.0067	139.4383	788.9334717
6/9/2021	918.0867	134.6933	751.3967	131.8067	798.7531738
6/9/2021	925.3567	134.99	750.9883	128.1133	792.678772
6/9/2021	923.8934	131.54	749.6067	172.835	870.9432983
6/9/2021	925.565	133.56	745.0016	236.6767	741.1439209
6/9/2021	918.385	134.055	742.4817	152.7817	785.7823486
6/9/2021	926.5433	134.9533	742.89	131.2283	821.3927002
6/9/2021	921.08	143.8333	745.845	130.9533	810.6358032
6/9/2021	923.1266	134.4033	749.1042	134.3733	811.4456177
6/9/2021	921.7033	134.8283	751.5633	132.4017	806.4389038
6/9/2021	922.7484	137.0983	751.8367	128.2033	812.4537964
6/9/2021	925.11	134.9167	750.7183	134.0842	813.2670898
6/9/2021	923.7383	132.1267	750.2633	143.1333	813.1668701
6/9/2021	919.0084	134.7733	750.59	143.0083	809.0891113
6/9/2021	916.215	135.7233	750.0183	143.2833	809.8226318
6/9/2021	909.0283	133.1992	745.9384	244.2583	810.4827271
6/9/2021	924.5016	133.0633	741.81	162.955	815.6947632
6/9/2021	923.6142	134.245	742.835	137.96	817.7422485
6/9/2021	935.3033	132.7261	746.4617	130.1717	810.1057739
6/9/2021	929.1617	135.9467	749.1633	128.5733	805.6600342
6/9/2021	923.3716	134.0433	750.4633	133.8717	803.6970825
6/9/2021	923.775	134.22	752.4984	127.3483	815.4226074
6/9/2021	924.0983	134.33	751.8641	136.3283	818.8346558
6/9/2021	925.5717	131.3567	749.4733	132.3317	815.5848999
6/9/2021	920.7617	133.065	749.4717	130.5717	804.008728
6/9/2021	922.675	140.6617	749.2733	148.135	811.7597046
6/9/2021	925.895	122.45	746.555	237.68	812.1908569
6/9/2021	925.07	131.73	741.65	167.59	813.100769
6/9/2021	924.04	131.73	742.015	132.69	810.5686646
6/9/2021	929.935	133.74	746.175	137.615	810.5686646
6/9/2021	924.04	133.355	747.45	130.0525	814.7744141
6/9/2021	924.355	131.975	749.925	134.085	811.0929565
6/9/2021	925.07	134.93	751.26	139.24	814.3319092
6/9/2021	925.12	132.64	751.715	140.67	808.2781982
6/9/2021	930.075	138.605	750.36	131.555	815.057251
6/9/2021	904.155	138.345	750.885	137.545	818.9120483
6/9/2021	911.145	137.215	750.77	155.7	809.4661255
6/9/2021	923.045	135.1817	747.12	247.4	812.2155762
6/9/2021	923.06	136.635	743.205	177.89	812.2763672
6/9/2021	927.89	123.15	744.495	163.025	816.6039429
6/9/2021	926.39	134.245	746.695	154.71	810.6343384
6/9/2021	923.135	133.3617	748.9275	160.855	743.3256836
6/9/2021	924.1525	139.8213	751.4722	169.3557	817.2478027
6/9/2021	924.41	131.6533	752.0566	179.44	815.6272583
6/9/2021	923.6266	132.4217	752.5734	175.8467	767.9851074

6/9/2021	923.0734	133.2156	751.62	179.0667	776.9251709
6/9/2021	923.0813	134.56	749.6933	155.56	852.8704834
6/9/2021	922.9867	134.1867	748.476	192.46	805.1481934
6/9/2021	922.5867	133.44	744.36	216.2333	823.6745605
6/9/2021	923.0933	133.2733	740.34	132.9067	875.2368164
6/9/2021	923.1266	132.6	741.34	127.5867	743.6707764
6/9/2021	923.5267	132.3533	743.6867	126.4622	839.7322388
6/9/2021	922.9867	133.0433	746.9867	126.86	753.1383057
6/9/2021	922.5867	132.6867	748.6867	126.92	778.9536133
6/9/2021	922.9867	133.2267	749.4667	126.8133	772.984375
6/9/2021	922.4266	133.2267	748.84	127.0333	848.0402832
6/9/2021	922.4427	131.26	748.1133	129.1333	844.4155273
6/9/2021	922.8267	130.5133	747.3067	140.7533	837.6154785
6/9/2021	922.6133	131.4711	748.0067	168.0267	813.4466553
6/9/2021	922.33	131.3467	748.3933	174.84	790.9404297
6/9/2021	922.24	131.8267	745.5734	213.6133	793.6494141
6/9/2021	921.14	132.36	742.1133	148.5667	830.5436401
6/9/2021	921.032	131.9867	742.6933	133.6733	759.1517334
6/9/2021	921.5566	131.26	744.0533	138.4667	808.2348022
6/9/2021	920.7867	130.5133	747.62	144.5378	790.9204712
6/9/2021	921.9133	130.3733	749.7867	150.7267	812.9713135
6/9/2021	921.8867	129.3867	750.6067	144.16	826.5305786
6/9/2021	922.1816	129.5733	749.4133	141.86	817.7355957
6/9/2021	922.1646	129.8133	747.3245	137.16	794.4978027
6/9/2021	922.56	129.02	746.3165	134.2567	779.2666626
6/9/2021	921.84	129.11	746.04	135.97	841.6784058
6/9/2021	922.31	128.945	744.24	246.83	728.3814697
6/9/2021	922.47	130.09	739.35	157.84	793.0169067
6/9/2021	922.68	128.7267	740.25	132.6733	797.7695923
6/9/2021	922.52	128.7233	741.96	137.34	815.4917603
6/9/2021	922.52	129.32	745.31	139.03	805.039978
6/9/2021	922.19	129.11	747.645	140.75	813.5704956
6/9/2021	922.47	128.62	748.23	132.98	813.5704956
6/9/2021	922.31	128.64	747.23	133.27	799.0627441
6/9/2021	921.86	129.39	746.58	134.42	791.2161865
6/9/2021	921.945	128.38	746.24	138.11	797.2115479
6/9/2021	922.6367	128.44	745.93	137.94	765.8216553
6/9/2021	922.31	128.99	744.18	248.95	871.916748
6/9/2021	922.155	129.32	739.52	169.34	802.8069458
6/9/2021	922.355	128.83	740.52	146.86	812.1799927
6/9/2021	922.31	129.2033	742.215	130.14	784.013855
6/9/2021	922.43	129.44	744.98	129.93	785.5219116
6/9/2021	922.13	128.38	747.215	132.25	805.4706421
6/9/2021	921.98	129.48	748.07	138.17	785.7575073
6/9/2021	922.27	129.11	749.54	138.51	789.0603638
6/9/2021	921.54	128.485	748.32	130.65	818.4224854
6/9/2021	921.7534	129.16	746.31	130.74	806.0985107

6/9/2021	922.7466	128.1267	745.4667	138.9533	782.524353
6/9/2021	921.7311	128.5533	744.9733	226.12	822.4344482
6/9/2021	921.04	128.1533	740.28	203.2533	805.9841309
6/9/2021	921.6467	128.2467	737.94	134.9933	797.7091064
6/9/2021	921.5	128.4467	740.0733	139.54	801.4225464
6/9/2021	922.3067	128.3267	743.44	146.9467	803.6601563
6/9/2021	922.6533	127.4667	745.9756	134.3667	791.1456909
########	921.8734	127.4533	746.46	127.64	805.7463989
########	922.1356	127.9467	745.9133	131.9467	801.9777222
########	920.8	127.8233	745.8334	137.0033	809.5966187
########	922.1133	127.9533	745.32	139.7067	790.9420166
########	922.36	127.4533	745.2534	132.7	787.8439941
########	921.9645	128.1533	743.9267	241.6667	802.3105469
########	922.6	127.6933	741.1533	203.64	801.4492798
########	922.3067	128.06	739.1266	133.76	807.147583
########	922.36	126.8867	741.2733	130.8467	816.4311523
########	922.7067	127.4533	743.46	135.4533	803.5532837
########	922.14	127.3467	747.0533	135.8533	805.1416016
########	922.3067	128.3	747.8134	128.1489	811.756958
########	922.2073	127.7877	746.9293	130.6257	812.2434692
########	922.0733	126.7122	746.3254	134.6033	741.0964966
########	921.3267	127.0133	746.0933	137.0833	756.0211182
########	921.8967	127.0267	745.6033	128.96	751.421814
########	921.7045	127.0267	745.0067	215.5867	809.4061279
########	922.395	126.71	740.4733	218.0033	830.3474121
########	921.9711	126.99	738.6133	170.3	850.6313477
########	921.8422	127.7633	740.1967	136.21	797.8275757
########	922.0933	127.5933	743.84	133.6367	794.1028442
########	922.3033	127.6067	745.18	132.49	793.7009277
########	922.0617	126.3367	747.0383	140.5633	796.8325195
########	922.0867	127.7867	746.82	130.3383	802.3665771
########	922.0733	128.8633	746.7034	133.5267	802.810791
########	922.39	126.7367	745.41	136.0767	798.0267334
########	922.7767	127.3933	745.8767	141.3733	798.0267334
########	922.1233	126.7233	744.365	213.0367	
########	921.7233	126.845	740.4434	191.1533	792.1535034
########	922.0911	127.4133	739.5133	147.66	800.7855835
########	921.0367	127.3867	741.8867	139.1233	810.2730713
########	922.1744	126.9967	744.27	130.35	811.4072876
########	922.7767	128.0267	745.435	130.67	805.1241455
########	922.39	126.9767	746.7167	133.59	799.0926514
########	922.3767	125.9367	747.2067	132.4817	808.4595947
########	922.34	127.48	746.7	133.02	810.7520752
########	921.78	126.92	745.72	132.54	804.0471802
########	921.92	127.72	746.02	145.5	805.4052124
########	921.8	126.94	745.16	265.02	794.7014771
########	920.71	127.72	739.96	189.96	803.2120361

########	921.14	127.98	738.96	134.78	799.6995239
########	922.02	127.26	741.12	138.76	804.866272
########	922.66	126.5	743.66	131.14	804.9642334
########	922.18	127.72	745.56	137.16	789.5090942
########	921.84	126.94	746.7067	136.28	785.255188
########	921.94	127.08	747.44	142.14	776.1334229
########	922.16	126.62	746.18	136.38	852.9612427
########	922.26	126.44	745.5	138.78	799.5776978
########	922.02	126.3267	744.74	133.08	787.2407227
########	921.94	126.37	744.4	193.78	801.1940918
########	922.16	126.86	740.74	225.16	793.5579224
########	922.12	126.78	736.89	149.08	797.1952515
########	921.14	126.9	738.44	143.74	805.3643799
########	921.14	127.16	741.21	128.18	796.1174927
########	921.27	126.12	743.12	128.04	801.8659668
########	921.62	125.68	744.74	128.48	809.7418213
########	922.16	126.0067	745.46	132.12	809.3393555
########	921.6266	126.0033	746.48	137.8167	803.6934204
########	921.6266	126.6267	745.0733	130.575	805.9039917
########	921.4467	126.1533	744.5367	129.8967	804.4329224
########	921.7033	125.695	744.4266	154.83	791.1817627
########	921.5533	126.1733	742.03	251.6433	811.2421875
########	920.7283	125.6783	737.7033	168.95	815.0297241
########	921.8467	125.71	737.6467	130.1533	809.6622314
########	922.305	125.0933	739.4266	128.8811	804.6804199
########	921.7033	125.6433	742.6166	131.7967	807.1365967
########	921.8267	126.3517	744.8167	133.4133	800.0764771
########	921.4434	125.4533	746.5533	134.4033	802.3165283
########	921.625	126.6811	745.9633	129.3033	812.6743164
########	921.4434	125.75	745.2534	129.7867	808.8443604
########	921.5533	126.0467	744.5183	141.2967	841.9187012
########	921.2567	125.71	744.6733	148.1933	791.5499878
########	921.5933	125.0933	744.61	140.64	801.8001709
########	921.9967	125.35	741.0767	239.5367	803.3900757
########	921.6644	125.9811	737.6833	163.7433	803.3900757
########	921.5933	125.8367	739.17	148.7433	
########	922.345	126.7983	741.77	131.1067	836.3984985
########	921.8029	126.7143	743.6086	128.82	776.0663452
########	922.1434	125.3133	745.3067	131.4267	783.4090576
########	921.4467	125.2033	746.8734	139.3967	786.5037231
########	921.8867	125.74	746.3133	129.4133	793.5966797
########	921.5133	125.4133	745.3067	128.7133	798.0498657
########	921.5867	125.5267	744.7067	139.2133	800.9658813
########	921.5133	127.62	745.6467	143.4333	804.7505493
########	921.8134	125.62	742.85	260.5933	808.9799805
########	920.6926	126.0836	737.5164	165.6295	808.9799805
########	921.92	125.805	738.125	136.72	815.1099243

########	921.48	125.02	741.185	143.925	814.4152832
########	922.0975	124.995	742.89	133.75	815.980896
########	922.84	124.91	743.77	137.78	817.2485962
########	922.415	125.42	744.545	133.01	815.4495239
########	922.525	125.875	744.6375	137.01	816.963562
########	922.84	125.4475	745.09	142.84	816.7097168
########	922.265	126.025	744.69	134.88	821.7306519
########	922.125	126.395	744.32	204.135	818.2874146
########	922.58	126.615	739.59	217.54	813.4248657
########	922.89	127.62	737.955	146.415	819.8533936
########	923.6025	126.7525	740.38	135.375	819.8533936
########	923.335	127.015	743.68	131.3175	817.0422974
########	923.295	127.58	745.405	136.83	813.1845703
########	923.3037	127.0967	747.7626	139.93	823.5170898
########	924.1447	127.47	747.365	134.74	818.1898193
########	922.9133	128.9767	746.8225	136.0808	815.835083
########	923.415	128.7867	746.4434	140.71	814.8270264
########	923.6133	129.0017	745.9283	137.8017	815.8340454
########	924.4017	127.9017	745.2658	297.6183	817.5790405
########	924.0383	129.3133	740.0433	183.4367	811.7062378
########	924.515	127.285	739.2133	141.48	819.7116699
########	924.81	118.6125	742.185	137.515	813.2041016
########	923.225	130.7058	745.6283	131.6867	813.2041016
########	924.4017	139.3683	746.6417	131.4367	814.9291992
########	933.2717	130.4767	747.4283	134.9867	812.5487061
########	934.78	130.675	748.6859	135.9133	815.5331421
########	937.2133	137.5333	748.5856	134.19	810.2217407
########	924.4017	132.1033	748.0134	134.3967	813.5667114
########	922.1683	130.2233	748.3566	147.0967	816.3718262
########	933.885	136.035	745.9733	263.2033	815.5526123
########	924.6117	131.9733	742.745	166.5733	813.0085449
########	928.4033	129.315	743.5983	134.3033	820.9568481
########	935.35	131.6017	745.7416	132.475	809.2387695
########	929.3267	130.84	748.9709	130.8733	815.1924438
########	918.6633	134.0083	750.8767	132.5933	815.1924438
########	924.6933	130.63	751.965	131.3358	812.1532593
########	924.4783	131.2717	750.3467	131.5667	814.6430664
########	924.9183	129.8567	750.0416	144.8567	819.5628052
########	925.3617	131.8467	750.4767	153.35	803.5233154
########	928.0983	130.195	749.6583	140.9967	789.1680298
########	925.1767	127.8317	748.7208	305.9033	785.8449707
########	924.565	132.4906	742.7475	184.9033	781.6484375
########	923.2817	134.055	742.6234	138.49	754.9540405
########	923.5467	133.1717	745.0233	131.4467	809.5436401
########	924.175	129.6317	748.2142	133.6467	762.1403809
########	924.8217	133.9383	750.8767	131.2717	821.8988647
########	923.9417	133.2617	751.6816	136.9967	821.8988647

########	919.555	140.74	751.165	133.565	824.9317627
########	926.4033	133.1917	751.3417	137.775	827.8754883
########	925.155	133.2533	750.1091	132.3717	824.1109009
########	925.3533	126.845	750.8675	136.7217	819.442627
########	925.4409	143.67	749.73	241.8517	815.2281494
########	922.585	133.8567	744.99	205.2667	827.328186
########	920.1467	134.65	743.2584	135.625	822.8092651
########	923.8184	134.2567	745.8517	137.1717	820.1248169
########	930.62	133.79	748.5583	134.475	828.5205078
########	928.745	131.135	750.0977	126.27	822.7608643
########	923.975	130.355	752.045	133.12	819.3690186
########	926.1349	130.245	750.9125	134.14	819.3690186
########	925.435	132.255	750.3217	135.78	810.1367798
########	934.785	129.22	749.81	134.2825	800.1784668
########	924.5099	132.63	749.665	139.335	858.7889404
########	926.58	133.025	746.76	256.44	749.9555054
########	908.475	132.555	742.19	177.705	821.0881958
########	929.0533	132.485	742.395	148.535	815.1980591
########	923.38	138.825	744.585	146.335	812.857605
########	924.315	135.01	748.13	137.925	801.3503418
########	922.91	134.01	749.19	136.37	785.4891357
########	928.155	133.49	750.995	140.49	794.4918823
########	921.58	137.345	751.4975	145.09	802.3429565
########	925.855	132.63	752.075	134.42	802.3429565
########	925.07	133.245	750.725	141.465	800.9944458
########	924.925	136.9125	750.51	132.99	814.0403442
########	922.8717	134.155	750.32	280.91	806.8596802
########	923.31	134.795	745.09	196.77	816.1442871
########	925.02	132.84	745.21	153.175	817.508606
########	924.115	133.965	748.055	133.855	812.2942505
########	925.41	130.575	749.3651	138.935	812.1057129
########	925.755	120.665	752.0699	138.09	804.1848755
########	925.7867	131.165	753.2809	141.4633	804.6727295
########	921.9183	134.235	752.7383	134.005	797.5983887
########	926.03	128.12	752.1433	147.0267	795.9885864
########	923.6733	133.4517	755.1266	190.785	807.2670288
########	925.7034	130.6883	757.5717	215.4467	807.2670288
########	923.15	134.62	762.5133	247.9567	787.9671631
########	924.2084	132.9867	764.8267	285.1067	796.6582642
########	923.98	131.3833	769.3917	318.7433	802.3859253
########	921.0883	135.01	774.3592	355.7933	772.9050293
########	934.19	134.8517	780.3917	380.0133	827.9976807
########	928.17	128.755	787.88	413.395	818.0927124
########	921.5067	132.975	794.605	444.1083	807.6842041
########	925.4617	136.0233	799.9483	465.3233	799.9890747
########	924.2734	135.4033	807.4916	499.095	774.4094849
########	922.71	133.252	814.08	535.5699	792.0991211

########	929.445	133.205	811.395	318.185	795.4210205
########	920.62	135.29	770.745	263.46	796.7583618
########	924.915	131.21	756.525	149.605	790.9585571
########	926.515	140.915	752.915	147.715	772.409729
########	921.9	133.59	751.435	137.41	773.8972778
########	922.53	139.28	749.845	132.52	847.2266235
########	932.625	135.24	750.41	130.645	762.7512207
########	925.39	134.755	748.31	137.1	831.1132813
########	926.905	132.38	746.545	137.15	813.0455933
########	926.34	134.935	749.78	135.765	762.7888184
########	923.86	135.115	749.99	130.375	823.8342896
########	923.19	136.075	750.085	204.7	816.696167
########	927.22	135.365	747.19	212.47	821.5022583
########	928.19	134.41	743.7325	150.11	821.4468994
########	927.495	133.84	744.315	133.62	828.7281494
########	921.29	142.09	747.735	134.355	763.9119873
########	934.135	133.405	748.905	136.145	780.756958
########	936.1801	135.745	752.085	132.94	774.0736694
########	928.11	135.16	753.455	135.61	755.3873291
########	933.465	135.82	753.08	135.745	821.3811646
########	925.4462	132.635	750.535	145.535	808.8146973
########	923.51	137.115	751.175	144.89	821.5901489
########	926.91	133.62	751.59	143.59	815.800415
########	927.785	124.61	752.23	137.82	787.9568481
########	926.535	135.62	750.925	240.965	743.602417
########	930.925	138.275	747.01	191.615	817.6234741
########	923.5333	136.7533	745.3567	145.9	817.7597046
########	927.1133	155.5317	747.435	132.8883	841.302124
########	926.7675	134.95	749.9567	134.625	775.9891357
########	931.155	127.7183	753.5667	140.895	835.8526001
########	925.1783	127.9017	756.265	133.91	790.7310181
########	928.8533	141.4467	757.5616	143.9767	803.7171631
########	926.3267	129.7317	756.4325	134.305	739.6883545
########	924.8483	134.4733	755.535	138.5517	801.503418
########	935.5983	134.5417	753.3734	130.8467	808.6588135
########	926.2667	132.2617	751.7516	145.75	813.0213013
########	926.735	135.335	749.0034	222.35	793.6792603
########	926.9044	135.025	744.7733	191.6683	793.6792603
########	927.7516	130.575	746.4133	167.625	760.8487549
########	926.9733	139.3283	748.9783	147.7383	822.5229492
########	928.8367	132.9867	751.905	156.7117	808.0352783
########	928.5983	133.2133	755.805	152.0017	805.605835
########	926.4966	133.365	757.1216	158.65	782.9134521
########	926.4133	132.6733	756.8567	143.6517	792.3534546
########	928.165	134.39	753.165	152.6083	786.378479
########	926.89	118.1875	751.135	129.7667	805.0287476
########	920.9233	131.0133	750.6567	166.225	756.5997314

########	926.2617	158.8983	748.2733	214.7017	829.0525513
########	924.5412	132.5867	745.705	149.345	764.3432007
########	924.0517	133.9133	747.5133	141.9833	797.357605
########	926.4133	131.7133	748.4025	139.81	778.628418
########	926.5433	130.6067	750.4533	148.8367	836.9324341
########	926.2644	129.8567	753.8134	145.5533	779.2652588
########	926.57	132.0133	753.2467	137.23	828.5628052
########	926.3467	133.18	750.1166	131.0067	813.6850586
########	925.7933	131.2367	749.9833	136.08	762.0979614
########	925.9211	132.1067	749.7916	139.6133	817.0744629
########	925.7467	132.8067	750.03	130.4433	786.6410522
########	925.3067	131.8433	750.3834	130.28	772.2999268
########	926.0067	132.85	750.21	193.2233	872.8103638
########	924.32	132.27	746.4633	171.7167	760.1225586
########	924.9067	131.9633	745.0467	144.47	830.3967285
########	925.52	131.64	745.3914	129.7326	742.50177
########	925.28	132.04	747.12	130.14	813.3233643
########	924.84	131.64	749.4	132.68	824.3911743
########	924.51	132.48	752.82	130.44	811.4382324
########	924.82	131.54	753.96	129.88	811.4382324
########	924.39	131.34	754.76	132.64	811.9302979
########	924.2	132.04	753.88	128.28	799.8740845
########	924.1133	131.12	752.04	136.04	769.3144531
########	924.72	131.96	751.32	133.12	825.4054565
########	923.74	131.64	750.72	129.22	827.0422363
########	924.42	130.49	749.42	214.34	812.970459
########	924.39	129.76	744.58	182.92	774.5234375
########	924.72	130.24	742.32	135.22	768.6943359
########	924.72	130.18	743.6	138.8	806.1320801
########	924.39	129.81	746.91	132.84	833.4154663
########	925.28	130.02	749.94	134.54	812.6359863
########	924.76	129.36	752.38	138.82	787.5337524
########	924.48	129.84	752.78	130.78	788.8827515
########	924.22	129.9467	751.16	130.96	802.3772583
########	924.92	129.44	749.72	139.02	812.1072998
########	923.32	129.4	748.94	128.58	795.4407959
########	924.76	128.94	749.52	131.14	783.0255127
########	924.76	130.12	749.84	131.22	796.4529419
########	924.04	129.74	747.72	212.86	796.4529419
########	923.94	129.11	743.82	168.78	
########	924.08	129.84	742.76	138.66	816.244812
########	924.98	128.72	744.86	129.76	795.0246582
########	923.41	128.94	747.24	129.94	795.4381714
########	923.66	128.62	750.92	128.42	803.8598633
########	923.48	129.68	752.04	129.44	773.4176636
########	923.92	128.54	752.46	130.46	788.3456421
########	924.85	129.84	751.92	131.96	780.3238525

########	923.82	128.71	750.7	128.26	791.1646729
########	923.98	129.02	749.52	133.18	796.1833496
########	924.11	128.24	750.42	131.66	803.6269531
########	923.33	127.8617	749.4915	163.9743	802.9026489
########	923.6733	128.4822	745.9366	187.26	794.2962036
########	923.6733	128.9767	742.97	155.6333	799.2720947
########	923.9867	128.1867	743.9767	130.1983	798.8192139
########	923.9767	128.3267	746.1334	132.8833	810.3543701
########	923.98	128.5533	748.9767	133.9033	788.9660034
########	924.1266	128.3853	752.4733	133.7333	840.0957031
########	924.1866	129.07	753.74	132.71	819.7827148
########	923.6733	127.93	752.755	134.6067	822.3342285
########	923.6733	129.3733	751.4266	129.1233	811.0443115
########	923.1033	128.7233	750.0433	134.3833	807.9788208
########	923.33	128.3483	750.4733	129.9033	782.5559082
########	923.7267	127.7133	750.9167	129.9733	793.583252
########	923.8234	128.2733	749.2967	232.6	796.8127441
########	923.45	128.1967	744.81	182.2633	797.7564697
########	923.7267	127.2267	743.0867	135.4867	804.1101685
########	924.1266	128.1867	744.7733	137.8433	803.6381226
########	924.8867	127.4533	747.8433	131.4883	805.338501
########	923.6434	128.3017	750.3033	132.58	787.3114624
########	924.1233	127.9517	752.2567	128.95	826.9397583
########	923.6767	127.3467	752.17	129.6883	799.1984863
########	923.8233	127.8767	751.7133	132.3467	808.34375
########	924.1266	127.7967	750.1866	130.8617	782.1569214
########	923.5967	128.0233	749.8167	131.4133	783.598938
########	924.1266	127.6267	750.9167	133.7467	794.0967407
########	923.6155	127.885	750.2133	130.31	802.055603
########	923.6733	127.8767	750.17	168.07	814.6726685
########	923.8066	127.97	747.6866	177.19	810.2402954
########	924.0517	127.4758	745.8734	141.0467	780.9627075
########	923.8134	127.7033	747.3734	132.9083	790.0292969
########	923.8233	126.95	748.19	128.7833	801.1179199
########	924.75	126.2067	749.8767	129.3733	775.444519
########	923.3984	127.4867	752.9384	130.95	823.8814697
########	923.4233	127.1733	753.3734	132.0267	815.192627
########	924.0867	127.9985	752.96	130.3446	789.7391357
########	924.028	127.1164	752.032	128.148	787.498291
########	923.37	127.1733	751.54	128.965	787.498291
########	923.3867	127.1067	751.6646	129.7867	
########	923.72	126.8886	752.3229	139.3429	778.7444458
########	924.2266	126.7	752.74	153.5133	809.2203979
########	924.4133	126.92	747.9	203.38	746.4711304
########	923.7133	127.5867	743.5533	142.5467	777.1749268
########	923.7133	127.6933	744.6266	128.2067	864.0050659
########	923.6434	126.4067	748.04	128.3133	796.3464355

########	924.35	126.1933	750.26	130	782.3443604
########	923.28	127.0533	753.7067	131.2867	788.5406494
########	924.0867	127.1813	754.42	130.4067	816.2212524
########	924.7067	126.1867	753.6934	129.0267	783.8642578
########	923.7933	127.2533	751.93	127.88	806.1080933
########	923.39	127.2133	751.2534	128.7933	774.7089233
########	923.9	126.45	751.7067	132.8667	789.6943359
########	924.7067	126.0067	752.6733	135.4733	807.7177734
########	924.7067	126.81	752.4467	147.7167	805.4667969
########	923.42	127.5067	749.4867	198.9867	803.5222778
########	924.3066	126.1133	746.4467	160.18	0
########	923.7133	126.1133	745.4533	129.0867	0
########	923.7933	126.7267	747.6	132.94	0
########	923.6067	126.7033	749.7866	134.63	0
########	923.8067	126.4067	753.18	128.0933	0
########	924.1533	125.7867	754.4067	127.2133	0
########	923.4933	126.0067	754.7534	127.6387	0
########	923.6467	126.5933	753.92	129.4933	0
########	923.6067	125.82	753.2267	134.1867	0
########	923.8467	125.8267	753.4733	135.1067	0
########	923.0933	125.3467	752.9267	128.4667	0
########	923.39	125.8533	752.5533	146.8067	0
########	923.28	125.68	747.66	205.66	0
########	922.9866	126.3533	743.8467	137.7733	0
########	923.7933	125.2933	745.3867	134.2533	0
########	924.0067	126.1133	748.04	130.5933	0
########	924.0689	125.3067	751.4	127.2533	0
########	924.34	123.9867	753.64	128.2433	0
########	923.6467	124.9067	754.4467	128.3133	0
########	923.7933	126.06	753.64	126.1133	0
########	923.3227	125.82	753.1133	128.9067	0
########	923.43	125.3016	752.6543	133.2257	0
########	924.25	124.53	752.6266	127.36	0
########	923.52	125.69	752.56	130.38	0
########	923.31	124.73	752.45	174.62	0
########	923.7933	124.68	748.55	202.54	0
########	924.22	124.73	744.61	144.01	0
########	923.23	124.595	746.16	134.81	0
########	923.54	125.42	748.72	130.07	0
########	923.6434	124.57	751.91	132.02	0
########	923.12	124.885	754.65	134.23	0
########	923.43	124.535	755.31	134.09	
########	923.47	124.14	754.23	129.31	0
########	923.215	124.21	752.68	133.87	0
########	924.08	124.815	751.98	127.55	0
########	923.54	125.18	752.665	127.65	0
########	923.23	124.515	752.56	132.43	0

########	923.335	124.66	750.57	234.59	0
########	923.86	124.77	745.31	179.55	0
########	923.7784	125.4131	743.9885	134.4147	0
########	923.8834	125.3958	746.525	133.5083	0
########	924.3479	124.7417	748.9584	128.5583	0
########	924.575	123.1042	752.8834	129.05	0
########	924.6791	122.2208	754.1667	127.5833	0
########	925.1833	121.7167	753.6166	129.6333	804.8301392
########	924.9417	121.6583	753.05	129.2667	809.8758545
########	926.0375	121.9917	751.6583	129.8528	733.3209229
########	925.5834	122.9417	752.0792	134.4917	787.958252
########	925.3334	123.125	752.8667	129.0833	783.5880737
########	925.6083	122.4167	752.5167	128.9292	784.968811
########	926.3417	123.3333	750.9	232.5333	791.0304565
########	925.2875	123.6417	746.2083	172.925	772.071106
########	926.0667	124.5292	744.9583	131.375	800.3432617
########	925.0583	125.8083	746.925	135.7083	800.3432617
########	925.4584	124.1917	750.1667	131.9833	821.2162476
########	926.525	124.4667	753.7667	129.75	723.9326782
########	926.4667	124.775	755.5833	131.675	825.5369263
########	926.1333	125.3729	755.175	129.6583	785.9033813
########	926.8209	124.25	754.4708	129.875	794.4939575
########	926.8333	125.5333	754.0167	132.6833	792.0506592
########	926.6917	125.9667	754.15	129.7042	799.5618896
########	926.8666	125.5667	755.1708	129.5542	805.0305176
########	927.7042	126.1167	756.4417	142.3417	815.4245605
########	926.8917	130.15	755.8167	221.7167	807.6480713
########	927.2584	126.2667	750.5875	189.3	804.5125122
########	926.3417	127.675	748.3334	139.5917	804.5125122
########	926.8333	126.9083	750.075	130.2083	862.8422241
########	927.9333	127.9167	753.8917	129.7833	781.7050171
########	928.9417	128.075	757.5416	135.3875	814.2715454
########	926.8666	128.1667	760.3667	130.0583	797.0077515
########	927.5667	129.9083	762.3417	132.8083	881.6271362
########	926.8917	108.3583	762.1417	128.4667	813.7556152
########	926.5292	130.6833	761.3333	132.7167	820.3995972
########	926.5	133.2083	761.4833	145.0583	818.359436
########	928.0833	129.1875	760.1667	142.3667	822.3029175
########	927.6917	124.4	758.7805	153.275	815.0424194
########	928.3583	130.7583	754.2917	238.9167	815.2323608
########	927.475	131.375	752.075	158.8083	816.0626221
########	926.8333	129.5667	754.2125	139.8917	816.0626221
########	927.5083	132.2708	755.9667	137.325	812.1385498
########	927.8417	128.6833	758.3334	133.4625	812.9631348
########	926.9583	125.8667	759.4833	134.1833	802.5449219
########	926.775	121.35	761.1666	145.0917	815.461792
########	926.5917	130.2417	761.9417	144.8417	806.7451782

########	922.925	120.7667	759.8666	137.8167	806.9316406
########	926.5917	136.3833	758.6292	135.5833	817.2787476
########	926.775	131.3083	758.0084	223.375	810.56073
########	929.95	130.85	753.1917	228.4083	810.3029175
########	927.8417	129.8875	750.1333	146.7083	823.4088745
########	929.125	124.925	752.4417	138.55	817.1781616
########	929.7667	129.725	755.6166	132.375	811.9036255
########	929.65	128.75	757.8929	131.3357	813.0204468
########	911.15	133.975	760.4625	134.45	810.2589722
########	929.825	132.225	761.25	136.475	814.9915161
########	937.35	134.15	760.375	133.775	812.7459717
########	925.6	130.15	759.85	133	810.5700073
########	929.675	130.575	758.575	131.125	812.4418945
########	929.85	133.425	758.05	228.175	814.8175659
########	930.7875	135.475	753.35	217.55	810.5303345
########	927.025	135.825	751.3	147.625	817.1575317
########	927.05	134.825	753.725	134.725	819.4835815
########	928.45	132.725	755.475	135.5	813.2774048
########	935.1	132.925	757.3125	136	822.5149536
########	927.0375	134.075	761.55	130.975	813.7005005
########	929	133.35	762.275	142.05	811.8954468
########	926.275	133.025	762.025	142.025	821.4979858
########	928.375	136.7	760.375	138.65	813.2836914
########	929.425	131.725	758.925	132.95	815.4359131
########	928.475	137.725	757.5375	157.8875	815.4647827
########	928.175	143.5	754.375	236.95	816.6313477
########	927.825	131.725	750.75	161.2	820.3380737
########	927.325	133.075	751.9	132.525	817.2067871
########	928.675	132.3375	754.9875	131.1125	804.1201172
########	922.375	135.175	758.475	133.425	806.5338745
########	927.9	130.8125	760.775	134.725	811.8710938
########	934.175	136.275	761.375	136.075	807.7842407
########	925.8231	136.8857	759.9429	133.2808	802.3082886
########	929.9462	133.55	759.3714	135.5286	804.2927246
########	925.5083	136.6083	759.3333	128.8833	802.5397339
########	926.7917	139.65	757.5917	204.625	807.4612427
########	910.3708	133.425	752.9583	210.625	809.2709351
########	925.55	133.7708	750.45	159.9917	803.479126
########	913.025	135.425	752.85	129.475	804.0150146
########	928.0583	133.2167	754.9333	138.3667	801.7435303
########	933.575	134.7917	757.25	131.8667	808.1153564
########	929.9917	131.1167	759.9417	137.7208	809.3757935
########	934.55	132.6583	762.3167	131.5	809.3757935
########	924.8583	132.9917	761.1833	139.8875	
########	928.8167	132.2583	760.0833	139.1583	814.3655396
########	927.4417	133.2333	759.675	146.125	806.8922729
########	934.9417	131.2458	758.725	164.9417	799.5599365

########	925.7333	131.5583	755.475	247.6833	798.5687866
########	927.6166	134.6417	751.2188	187.5167	810.1581421
########	933.675	138.475	753.2917	180.1833	811.8302612
########	930.65	132.325	755.0458	169.8333	809.2307739
########	927.275	134.6417	756.6083	161.3375	809.2960205
########	932.8333	132.9583	758.7958	169.6167	807.7624512
########	925.8417	135.8667	761.7917	178.25	812.1971436
########	929.5667	133.0333	763.5833	182.575	806.1434326
########	923.8583	132.0167	761.5417	165.1667	808.2988892
########	924.6167	132.5917	758.725	160.8167	812.7404175
########	921.7	135.575	757.375	168.1583	808.7405396
########	931.8139	133.7083	755.1417	312.6917	809.2061157
########	928.2333	130.375	750.7917	200.2083	800.9334717
########	922.7416	135.275	751.4292	155.45	810.4786987
########	928.4833	134.3208	754.125	150.925	808.1555786
########	922.175	133.2417	755.65	143.7333	809.8098145
########	924.1167	134.4083	758.4833	133.475	810.4213257
########	925.3333	131.0917	758.4333	134.9083	810.6085205
########	929.975	133.4833	759.0583	148.2417	811.7145996
########	933.7583	131.9583	759.55	136.5083	819.8530273
########	937.725	135.8	757.7167	133.325	815.7626343
########	931.9	132.6167	757.475	133.3083	814.3566895
########	932.8375	133.3583	754.85	265.5417	809.397583
########	925.525	131.0167	750.7333	186.8167	809.1665039
########	929.225	131.2167	750.9584	132.8667	802.1459961
########	926.8334	134.9625	754.7167	135.4167	801.935791
########	930.8214	137.8286	758.5786	143.7571	801.3839111
########	926.1	136.925	762.25	147.325	805.9919434
########	927.2	131.9	762.05	131.075	805.3862915
########	927.95	135.9	761.3	137.85	781.3121948
########	925.65	134.325	761.75	136.75	815.77948
########	923.1	132.95	759.65	133.1	814.0948486
########	929.3	135.825	758.15	146.5	805.7151489
########	930.325	134.575	759.45	175.625	823.618103
########	924.725	134.325	754.275	260.875	814.581543
########	928.575	126.55	749.85	171.7	817.9230347
########	931.25	131.875	751.975	143.75	810.7365112
########	934.9	129.425	755.475	153.6	813.1885376
########	933.225	130.325	760.65	158.7	816.322998
########	928.05	136.475	763.675	162.825	827.8310547
########	930.075	136.6125	766.35	164.8	821.3318481
########	927.3	134.15	766.725	176.525	818.8519897
########	932.325	132.275	764.75	179.375	818.5805054
########	935	132.35	761.2	173.05	818.5805054
########	935.875	135.425	759.35	171.125	808.8659058
########	930.2	132.35	758.175	244.825	813.036499
########	929.925	134.825	753	252	763.6194458

########	929.875	133.15	751.55	171.15	821.432373
########	932.85	133.325	753.35	161.35	823.7128296
########	931.75	133	756.95	167.0125	814.4425659
########	928.85	136.5208	761.9417	171.425	777.1573486
########	929.6417	134.0583	764.2792	163.875	819.5620117
########	929.3033	132.3475	763.0082	160.8475	824.7583008
########	928.7467	141.16	761.8467	157.7533	823.3970947
########	929.1334	132.8733	758.6767	155.7	766.4550171
########	930.0533	131.5	758.6533	153.3	776.8295898
########	927.32	132.8733	757.7267	251.9533	771.0219727
########	928.3267	132.9467	753.1066	209.56	826.0030518
########	929.4266	132.8911	753.2133	149.1267	812.0371704
########	927.5733	132.8533	755.3467	130.6267	780.7553711
########	927.1911	132.1733	757.15	135.4633	780.3827515
########	927.74	132.4489	761.3267	138.6067	787.4442139
########	927.1867	132.1467	763.1133	135.0733	806.9594116
########	927.5733	131.38	763.1133	130.3333	803.6516113
########	929.0267	129.7	761.8934	138.92	796.56073
########	927.88	130.4867	760.8934	152.1067	788.0838013
########	927.62	130.3733	760.1733	143.64	781.2040405
########	927.2267	131.3533	758.16	195.8467	841.5006714
########	927.3511	130.2533	753.0466	250.8533	798.8640137
########	928.2	131.12	750.28	156.3067	786.0338745
########	926.8533	129.7	752.1666	138.3467	796.8534546
########	927.88	129.64	754.84	130.3267	793.927124
########	927.87	129.96	757.93	134.205	805.2888794
########	926.555	130.03	760.58	136.32	816.1488647
########	927.49	129.67	763.09	142.69	806.3738403
########	926.5233	129.85	763.005	129.42	801.1697998
########	926.95	129.17	759.525	131.21	796.4829712
########	926.53	129.4475	757.545	131.025	793.4362793
########	926.665	129.53	757.59	149.26	805.9463501
########	926.14	128.52	753.41	271.98	806.9465942
########	926.77	129.89	749.42	184.06	805.2919922
########	926.785	128.54	750.61	143.72	806.8595581
########	926.384	127.42	753.33	141.99	801.607666
########	926.184	127.11	755.91	132.86	793.7667236
########	926.635	126.81	759.12	140.9	793.4779663
########	927.24	126.8925	760.22	133.51	805.2094727
########	927.18	128.07	759.12	134.92	797.2333984
########	926.785	127.935	757.84	131.29	805.0510254
########	926.6425	127.89	756.86	132.61	804.7900391
########	926.51	128.46	756.31	133.64	797.71521
########	926.69	127.44	753.03	269.34	801.6959839
########	926.77	127.29	748.205	169.24	801.6959839
########	926.309	126.5514	749.49	133.62	792.3900146
########	926.2466	127.8067	752.3134	134.1133	803.7316895

########	926.4467	127.5067	755.0867	135.1033	808.6027832
########	926.3267	127.8767	758.7333	131.5067	861.1168213
########	926.4644	127.6533	760.6934	131.9867	799.8357544
########	926.2067	127.5067	760.5467	132.2067	754.1704102
########	926.3133	127.5689	759.4867	137.8133	796.7980347
########	926.3933	127.5067	759.0466	133.2667	805.9101563
########	926.4467	127.0733	756.48	140.16	809.7429199
########	926.1533	127.2533	753.0867	260.0067	791.1025391
########	926.3933	127.1067	748.06	172.2467	799.3959351
########	926.1213	126.7622	749.16	140.4967	803.7356567
########	926.1533	127.1433	751.86	141.48	803.3108521
########	925.7534	127.2133	753.9867	131.32	802.3875732
########	926.3311	126.8289	756.46	137.6	794.8790894
########	926.1266	126.5533	758.3066	134.08	796.9769897
########	926.4467	126.5933	758.6633	137.8533	815.3617554
########	925.7711	125.7867	757.5267	132.6067	783.8299561
########	926.2511	127.3378	756.5417	142.1467	745.3910522
########	926.2867	126.9933	756.66	139.2067	785.9581299
########	926.0627	126.5933	752.8467	271.3733	833.3765869
########	926.61	126.1133	747.9534	168.9133	782.8474121
########	926.74	126.6033	748.81	139.46	797.7928467
########	926.1433	127.1631	751.8933	135.9867	786.7927856
########	926.0822	126.6967	753.7233	131.7467	782.9606934
########	926.2133	126.87	756.2617	131.4267	808.9914551
########	926.3267	126.87	758.4266	132.3483	792.838501
########	926.1866	126.6967	759.0767	132.9533	814.6673584
########	926.2733	125.685	757.7133	134.3967	798.5528564
########	926.3267	126.4733	756.6767	130.7767	812.7196045
########	925.8734	126.1267	755.7133	133.3717	801.96875
########	926.3433	126.7617	753.2267	264.7367	803.9832153
########	926.1866	126.95	747.93	189.1067	798.8573608
########	925.8767	126.4911	747.34	132.4767	804.6558838
########	925.8734	126.4733	750.6967	138.5433	793.7474976
########	926.3267	126.5267	752.7533	132.6767	808.717041
########	926.4133	126.4733	755.3567	131.5733	818.8579712
########	925.7867	125.6767	757.7133	130.7933	814.687439
########	925.9483	126.4733	758.6567	136	817.4592896
########	926.1866	126.6967	757.9133	133.5867	820.1064453
########	925.8767	127.0867	757.3267	140.0267	802.0046387
########	925.9266	126.7617	756.415	134.62	794.9077759
########	925.8987	126.5233	754.3867	268.6933	810.8202515
########	926.388	126.14	749.4	226.18	0
########	926.18	125.4	747.64	145.5	0
########	925.54	125.88	749.82	131.42	0
########	925.78	126.46	751.8	133.62	0
########	925.86	127.24	754.4	130.72	0
########	926.03	126.02	757.34	134.66	812.9833984

########	926.34	126.96	757.96	129.52	822.4099731
########	925.94	126.54	757.32	133.04	808.1447144
########	926.34	126.38	756.32	136.94	813.6864624
########	925.7686	125.86	755.7	140.84	812.5910645
########	926.26	126.02	755.28	179.36	791.5513916
########	925.84	125.64	749.12	229.92	800.7285156
########	926.34	125.78	746.26	142.62	793.9040527
########	926.06	126.62	749	139.46	795.5934448
########	926.34	125.28	751.92	132.82	784.973877
########	926.18	125.12	753.88	137.54	805.1625366
########	925.94	125.86	756.56	133.18	807.7329712
########	925.82	125.34	758.16	135.78	797.4064941
########	925.86	125.82	756.86	131.56	804.6102905
########	925.54	126.37	755.72	139.16	781.6049805
########	925.2	126.12	754.76	130.88	734.2979736
########	925.8867	126.1367	753.7067	207.4133	846.8782349
########	925.6473	125.785	749.2033	229.9367	781.1384888
########	925.8433	125.83	745.6233	156.9633	859.8783569
########	925.7933	125.2817	748.6633	134.4867	796.8197632
########	925.4575	125.83	750.6533	132.8567	795.5331421
########	926.0067	125.5533	752.8167	128.92	766.9441528
########	925.8533	125.6217	755.285	131.2433	802.1479492
########	925.8867	125.6433	756.3834	131.2633	811.5507202
########	926.2955	124.8467	756.1067	133.32	809.1812134
########	925.8842	125.0467	755.7067	135.54	805.083374
########	926.0533	124.9533	754.8433	135.4267	788.7396851
########	925.665	125.4567	753.6367	207.2067	800.0764771
########	925.9366	126.1367	748.72	226.0333	790.3911743
########	925.7933	126.8367	746.0067	145.1167	785.8549194
########	925.7933	125.83	749.3533	142.5867	796.5668335
########	925.7467	125.4783	750.4966	135.7067	815.230957
########	925.75	125.1067	753.1783	130.02	806.8166504
########	925.1533	125.5378	754.5084	134.4933	809.9230347
########	926.1933	125.67	755.7767	135.4267	798.6947632
########	925.6567	126.1367	755.4933	135.8433	805.6828003
########	925.47	125.15	754.96	129.9067	784.8272705
########	925.515	124.8933	754.0467	134.5367	794.2932129
########	925.96	126.1385	752.8832	192.22	792.7954712
########	925.4216	125.8183	747.2367	220.3667	793.0928345
########	926.4467	125.1031	745.2333	144.4267	805.5827637
########	925.7267	125.8267	747.8734	136.06	789.6646729
########	925.0467	125.6467	750.14	134.7267	804.3424683
########	925.7267	126.2733	754.22	132.0733	788.5465088
########	925.42	125.8267	755.6133	127.82	790.3413696
########	925.0467	125.8533	756.6867	135.4267	791.9303589
########	924.9733	125.5733	756.9711	142.72	808.2920532
########	924.7	126.8533	757.3333	149.9533	808.2920532

########	925.6533	126.2267	755.5667	128.4733	
########	925.6767	126.3467	753.2134	179.2933	795.895874
########	925.0467	126.2533	747.56	236.5067	818.2928467
########	925.54	125.6367	744.64	141.6333	768.2624512
########	924.02	125.6233	746.8133	132.8	850.0683594
########	925.0467	125.1733	749.0733	129.6733	791.3774414
########	924.3467	126.2533	753.1467	132.6467	805.4524536
########	925.3267	124.8267	755.6266	129.6267	789.949707
########	925.6279	125.5475	756.8541	134.0721	793.6188965
########	925.4162	124.3142	755.6233	130.91	803.192749
########	925.1284	125.2967	754.4166	136.2433	803.192749
########	925.9124	125.1533	754.0117	130.3933	825.0385132
########	924.6467	124.325	752.6767	165.4083	807.8909912
########	925.175	124.7183	747.705	248.275	801.5767822
########	925.665	122.7108	743.7233	165.8967	781.7368774
########	926.0533	123.9717	746.3716	134.7317	812.8378296
########	926.5817	123.9233	748.4533	131.015	795.3104858
########	926.0239	124.535	751.165	130.7467	789.2781372
########	926.765	124.6717	754.1533	134.2183	794.4277344
########	926.5375	124.8617	756.0292	131.135	778.9086914
########	926.1467	125.1358	755.8233	130.8283	803.4310303
########	926.1272	125.5067	755.3175	136.5908	810.7195435
########	926.4067	124.9283	754.57	140.8567	810.7195435
########	926.4067	125.6175	754.2584	136.3283	848.0454712
########	927.1183	125.3283	751.07	281.0283	782.8041992
########	926.6412	126.8283	745.2642	167.8217	795.5084229
########	926.765	126.6533	747.2717	141.86	803.1270752
########	926.3233	125.9467	749.8208	137.79	817.2937622
########	926.765	126.965	752.065	134.1283	793.897522
########	927.0511	127.7067	755.2717	137.4717	797.2207642
########	926.6675	126.7175	757.5558	138.5633	796.7276611
########	927.1183	127.4467	757.8233	135.0533	802.3445435
########	927.2467	126.8325	755.905	136.0567	807.178894
########	928.2795	140.4483	755.0767	141.315	801.0118408
########	927.754	127.056	754.242	154.314	801.0118408
########	928.1716	127.835	750.5817	249.475	780.9552002
########	928.5867	129.6517	745.7416	154.515	801.0827637
########	925.9967	128.3567	747.9883	134.795	797.6677856
########	927.0267	125.5883	751.7167	131.8083	805.6455078
########	925.755	128.6217	754.0566	132.5967	793.2766113
########	928.915	130.4467	755.9434	132.875	799.2558594
########	927.875	129.4783	757.3566	140.175	806.3519287
########	928.275	129.6883	756.4717	131.7433	800.6152344
########	939.24	128.6217	755.4567	132.415	803.3880005
########	931.34	131.5767	755.6016	133.955	806.3067017
########	919.1433	129.6583	754.54	177.8183	803.706665
########	927.0867	128.5333	751.2567	226.825	803.706665

########	926.6984	132.7267	749.2584	146.54	796.0735474
########	928.4984	132.0233	751.63	139.1267	804.4755249
########	927.4866	133.1667	752.9567	132.475	802.8971558
########	927.9966	130.3117	756.2867	138.3033	810.0151978
########	923.9617	131.4967	759.7733	142.3917	806.9042969
########	929.2017	131.6867	761.015	140.5883	804.3573608
########	936.9717	128.1617	759.4984	131.9983	809.2753906
########	936.9625	134	758.0457	133.0543	791.9702148
########	933.88	130.165	756.2525	136.335	806.8455811
########	924.765	133.175	756.5075	141.535	802.911499
########	926.665	128.54	753.265	261.495	809.1207275
########	928.3	130.205	747.8525	164.88	809.1207275
########	928.52	130.205	748.61	140.42	800.1656494
########	927.42	131.84	752.245	136.995	808.829895
########	928.12	129.78	754.245	134.3025	808.0477295
########	930.35	132.005	756.72	132.1	817.5956421
########	916.845	128.08	756.79	132.625	810.2036133
########	924.56	129.2	756.92	138.04	809.097168
########	928.19	133.215	755.58	133.615	805.6420288
########	926.39	132.68	753.985	137.435	811.0723877
########	926.87	129.985	754.72	148.34	812.748291
########	927.31	133.285	753.0975	211.19	800.6646729
########	932.55	131.525	751.4966	162.185	807.3980713
########	928.795	129.6	752.605	131.785	807.3980713
########	927.3925	133.215	753.56	141.15	800.3624268
########	926.555	132.79	755.9525	134.025	809.899231
########	928.505	132.185	758.425	134.135	808.1395264
########	924.27	130.52	760.31	132.775	806.7036743
########	927.515	136.09	759.59	142.18	809.9205322
########	924.835	132.925	759.415	139.485	808.454895
########	928.535	129.505	757.8577	139.4183	806.2062378
########	928.0533	133.0342	756.0775	191.3733	809.4627075
########	933.3267	134.1033	751.4933	228.1133	811.9262085
########	926.9533	133.3317	748.67	152.7617	801.5147705
########	929.0717	134.2583	751.015	142.935	806.1190186
########	917.3683	132.315	752.9984	137.3433	806.1190186
########	928.1367	133.9883	757.1783	136.2317	806.2689209
########	944.865	131.5417	759.07	132.0683	809.8716431
########	923.0367	133.485	760.1533	133.8583	810.3123779
########	927.4467	128.93	759.3766	133.6833	808.9431763
########	926.9533	134.115	759.33	129.4967	805.31604
########	927.545	133.32	756.8234	130.9467	797.2766113
########	928.0217	133.0533	756.8234	141.0433	806.5728149
########	928.3217	132.8067	753.8467	250.6533	809.8306885
########	925.5961	132.9933	748.4825	179.5117	796.0905762
########	924.755	132.2217	749.2084	131.0392	793.8375244
########	931.3716	133.8683	751.7916	133.835	803.9723511

########	929.73	131.5433	755.3383	132.7583	803.9723511
########	928.0842	131.215	758.4683	130.2683	803.5084839
########	926.18	132.8883	760.5533	129.3533	
########	927.785	132.7467	760.9916	130.0433	764.9833374
########	933.16	131.5504	759.1483	131.5617	834.8947754
########	928.1483	131.3383	758.3967	129.0783	815.6055908
########	928.63	132.2767	757.9733	137.94	735.8696899
########	925.015	132.51	756.705	209.2217	849.9522095
########	927.9867	132.3517	751.6016	220.96	808.9890747
########	928.0142	128.9917	749.2695	149.6933	779.5910034
########	928.225	128.43	752.43	138.4817	774.7059937
########	923.7092	133.2133	754.2817	142.2383	827.2342529
########	931.545	132.89	757.4408	141.9117	817.3019409
########	928.4622	132.8133	759.2617	129.7192	793.2474365
########	928.4517	131.5617	758.7433	132.1967	803.7388916
########	915.065	131.7933	759.23	136.8883	799.2472534
########	919.845	132.7417	759.7783	135.6433	827.7014771
########	928.765	132.8233	757.4783	137.2217	820.5739746
########	922.3983	134.235	754.0267	245.1583	800.7822266
########	928.6967	138.6083	750.5756	185.5733	810.8555908
########	927.7516	135.165	751.0908	143.0117	796.144043
########	928.7617	132.975	753.2825	134.1583	817.3712769
########	931.4633	132.9433	754.4733	133.6917	801.7642822
########	923.506	130.15	758.672	131.448	814.2843018
########	914.4267	134.0833	760.6216	132.65	760.9212646
########	931.65	135.8817	761.3867	128.815	816.4421387
########	930.0443	132.5743	759.8483	135.3333	829.1148071
########	929.38	132.8	758.195	136.575	811.6012573
########	931.85	133.565	757.9775	135.135	818.7320557
########	930.41	134.25	756.89	151.355	809.44104
########	928.735	135.295	751.97	233.895	760.3069458
########	931.1	133.26	747.9301	139.905	804.6054688
########	928.77	131.82	750.43	134.59	804.03302
########	921.63	130.425	754.49	137.64	803.8186646
########	929.02	139.815	757.335	141.225	807.1078491
########	928.68	135.2	759.5625	136.81	807.9719849
########	927.955	132.555	760.59	139.49	797.423645
########	930.37	136.015	759.695	136.445	806.1820679
########	930.865	132.39	758.5575	138.99	807.5368042
########	929.42	102.275	757.5375	137.055	796.8954468
########	930.465	133.225	756.8651	184.775	798.5462646
########	938.805	135.13	750.97	247.22	816.65625
########	930.285	133.635	749.075	165.235	795.78302
########	928.715	131.89	752.15	133.065	814.0507813
########	930.265	140.395	754.295	130.285	780.4397583
########	930.48	131.915	757.08	131.06	799.6953735
########	929.29	131.44	760.075	136.77	788.8693237

########	928.735	130.165	760.825	130.055	789.9309692
########	929.0239	131.6567	760.7533	124.0733	813.5067139
########	924.3317	133.2067	758.9117	130.1717	813.5067139
########	930.8091	133.51	757.195	139.4533	801.1055908
########	926.5316	131.92	756.435	162.5383	797.5203857
########	929.225	132.465	751.215	233.0583	821.5704346
########	915.7967	149.3717	748.3233	148.62	807.0650635
########	929.6511	133.2067	751.3533	131.4733	791.9172974
########	930.1091	133.7283	753.8716	133.215	804.4158936
########	929.0933	132.6094	757.495	130.7817	802.7612915
########	926.5831	134.0831	761.4763	133.5118	799.0405273
########	927.4695	134.4733	761.6533	128.8525	831.2763062
########	927	132.62	760.28	133.2133	801.6432495
########	928.3933	132.46	758.6666	133.0467	792.4741821
########	928.2466	133.7067	757.58	142.0333	799.1201172
########	928.7933	132.7	756.7578	151.8067	795.0428467
########	928.3933	132.2767	755.7067	307.5266	803.6203003
########	927.9033	133.5067	750.3533	218.0867	806.5422974
########	927.2933	132.5967	749.52	146.34	800.7489624
########	926.8033	132.46	751.7466	146.4867	782.1115112
########	927.2267	132.8467	753.5467	134.26	794.3522949
########	927.86	132.0613	756.0267	129.5467	781.9871826
########	927.5864	132.1467	757.0733	132.7	799.4321289
########	927.41	131.46	757.92	140.69	805.710083
########	927.58	131.68	757.625	136.03	804.0293579
########	927.06	129.425	756.64	128.78	787.9327393
########	927.69	129.6525	755.7733	147.08	809.5878906
########	927.32	129.81	752.4	274.48	801.102478
########	928.26	129.88	748.2	188.03	803.5906982
########	928.46	130.09	749.74	133.16	795.8737793
########	928.25	129.32	752.16	133.06	806.6340942
########	927.32	130.09	754.97	133.11	798.0986328
########	926.695	130.58	758.55	136.9933	801.0272827
########	927.04	130.56	760.83	133.28	801.668335
########	927.36	130.65	759.78	133.11	804.9327393
########	927.08	129.77	758.21	133.39	803.2886963
########	927.69	129.53	755.94	138.12	795.8874512
########	928.23	129.705	755.425	133.44	799.4291382
########	927.85	130.1367	751.85	285.74	809.237793
########	926.71	129.985	746.51	166.31	795.9056396
########	927.07	130.105	748.15	146.37	811.869751
########	927.3853	130.4738	750.91	134.98	794.12146
########	926.68	129.7378	753.94	132.54	802.7443848
########	926.92	130.49	756.29	131.52	798.4337158
########	926.96	129.8	758.08	136.29	804.6474609
########	927.1733	130.0733	758.3867	134.8956	785.8978882
########	927.0133	129.4133	757.0867	135.3333	790.107666

########	926.4266	130.7267	755.6133	135.5956	812.2641602
########	926.9867	130.3267	755.1933	134.48	803.7519531
########	926.76	130.6733	752.2067	295.7333	796.4480591
########	927.1533	130.16	747.0933	178.1867	796.4480591
########	926.64	130.16	748.7	133.7133	
########	926.73	130.7773	751.2045	133.6667	796.59198
########	926.72	130.14	754.1067	130.8867	797.3047485
########	927.0453	129.9733	757.18	134.5133	792.4657593
########	926.9067	130.4	758.7534	131.5867	795.2870483
########	927.3867	129.8933	759.4867	131.2133	784.3140259
########	927.0133	129.3867	757.7867	129.1567	793.7357178
########	926.3133	129.3244	755.44	131.1	795.8422852
########	926.8267	129.3867	755.2267	133.7467	794.1278687
########	926.66	129.7133	753.52	289.42	802.3513184
########	926.8267	130.16	747.9133	183.8	810.4269409
########	926.685	129.2733	747.5734	132.0133	801.8656006
########	926.9067	128.4533	750.1933	130.8867	789.8117676
########	926.9867	129.04	752.8734	129.2733	784.8790894
########	926.64	129.06	757.0067	132.1067	798.4437256
########	926.705	128.9783	758.2033	133.1567	796.8365479
########	926.5275	129.1487	759.0267	138.0033	792.8352051
########	926.5367	128.5733	758.5583	141.2967	811.4160767
########	927.0367	129.4367	756.6266	133.2367	798.3777466
########	926.69	129.0283	755.3367	141.19	804.307251
########	926.7366	129.1967	753.9467	252.1867	814.0848999
########	926.2466	129.8533	747.5067	217.32	805.0856323
########	926.705	129.4533	746.0033	132.0533	799.8118286
########	926.5856	129.4533	749.34	132.9733	814.074646
########	926.6025	129.09	752.13	135.5467	799.4162598
########	926.3566	129.01	756.31	128.5033	786.4783936
########	926.4219	129.3467	757.5566	129.3067	801.4935303
########	926.1362	128.995	757.69	129.4533	799.1669922
########	926.61	129.09	757.5433	141.4067	807.6611328
########	926.705	129.1567	756.6967	130.2933	802.5454102
########	926.7366	129.3433	755.08	129.5967	801.2125244
########	926.2466	128.7533	752.17	268.2533	796.5227051
########	926.3566	128.6467	747.4533	222.8967	802.3297729
########	926.5275	128.2983	746.705	132.0567	782.6273193
########	926.3533	127.2933	749.7466	130.3367	798.3295288
########	926.18	127.32	751.5457	133.0657	792.8824463
########	926.06	127.32	756.46	136.66	808.5264282
########	926.2067	127.26	758.68	132.48	802.5446167
########	926.632	127.96	758.42	128.18	806.8530884
########	926.62	127.04	755.7	129.94	787.151062
########	927.12	127.92	754.34	145.18	803.1398315
########	926.244	127.72	754.54	144.72	803.1679077
########	926.74	127.08	754.12	160.02	794.8170776

########	926.64	127.16	748.82	247.56	807.1387329
########	926.62	128.26	746.42	162.28	795.1433716
########	926.46	127.98	749.56	137.98	810.2892456
########	926.18	128.38	750.64	128.58	804.2855835
########	926.18	128.78	754.34	130.0933	804.2855835
########	926.18	128.92	756.98	133.68	797.2327271
########	926.18	128.32	759.06	135.62	801.661499
########	926.56	127.38	759.08	130.46	798.3999634
########	926.18	128.12	756.28	127.86	801.5686646
########	926.4733	128.84	755.22	128.79	796.4291992
########	926.572	127.66	753.76	183.72	810.3416138
########	925.96	127.72	748.64	244.06	801.9626465
########	926.4948	128.42	746.39	148.46	815.3899536
########	926.3629	127.72	748.92	130.62	792.6410522
########	926.231	127.025	751.0133	129.2267	807.7675171
########	926.1133	126.7367	754.325	131	790.6962891
########	926.5078	127.7733	756.52	127.8367	802.0959473
########	926.655	127.7867	757.79	127.81	796.140564
########	926.1233	127.3867	757.2867	128.55	793.8165894
########	926.2933	127.0067	755.8133	128.1092	803.5601196
########	926.4867	127.6411	754.0233	130.11	807.6605835
########	926.3652	127.0089	754.4767	191.9167	799.7086182
########	926.1429	127.3867	748.97	242.8033	794.885376
########	926.1133	127.4133	746.5167	141.13	805.6397705
########	926.51	126.7367	749.4301	130.3733	798.2405396
########	926.4867	126.9256	751.0333	128.0225	809.246521
########	925.8289	127.3867	754.6867	128.96	797.8446655
########	926.4617	126.7233	757.9767	135.1233	808.9038696
########	926.4383	127.6622	758.69	131.4967	807.8359985
########	926.2033	125.95	757.7833	131.7817	804.5476074
########	926.4933	126.9633	756.6833	135.4267	790.1270752
########	926.1066	127.1933	755.11	131.7867	801.7462769
########	926.79	126.7367	755.0867	142.9	797.6835938
########	926.3967	127.945	749.75	264.56	800.739502
########	925.4367	127.3867	746.3967	149.8567	795.7626343
########	926.1933	127.3233	748.9429	132.28	795.7332153
########	926.1533	127.6489	751.6933	129.0533	797.5534058
########	926.4467	127.0178	754.6067	128.7533	805.8331299
########	926.1533	127.6267	756.44	129.5733	804.2649536
########	926.1533	126.9022	758.2845	129.64	806.951416
########	926.3267	127.7467	757.81	133.7067	799.3070679
########	926.4467	127.5467	756.5533	129.3467	809.746582
########	926.1266	126.8467	755.3867	134.6067	804.7970581
########	925.8467	127.2533	754.4733	145.9	801.5606079
########	926.2791	126.7767	749.6666	268.3467	808.6692505
########	926.4733	126.4	746.3133	152.1533	800.4963989
########	926.1533	127.6933	749.28	132.9933	809.6053467

########	926.76	126.72	751.48	129.5067	804.6885986
########	926.3089	127.3067	754.6467	133.5067	810.0689087
########	925.7267	127.4533	756.46	131.2467	805.7614746
########	926.1933	126.7933	757.405	131.2467	815.4493408
########	926.2733	126.0467	756.98	129.8	805.5783081
########	926.2155	127.3067	756.1867	132.6267	805.5783081
########	926.1177	128.06	755.2733	130.3267	808.8634644
########	926.54	127.4733	754.2133	150.94	800.1107788
########	926.1533	127.84	749.84	255.2533	802.6523438
########	926.4467	127.4533	746.5933	162.66	803.1046143
########	926.1933	127.07	748.98	129.9857	794.7346191
########	925.78	126.79	750.84	131.19	800.0943604
########	926.38	127.28	753.74	127.52	787.2479248
########	926.3734	126.3422	757.0317	129.73	799.0819702
########	926.2466	126.5967	757.7266	128.4967	807.6934814
########	926.8517	126.7783	757.7266	131.9775	805.4281006
########	926.595	126.4267	756.295	132.6783	805.4281006
########	926.9608	125.8525	755.0267	128.6467	800.8597412
########	926.7525	126.0267	754.3583	132.0017	802.8215942
########	927.805	126.5217	749.475	263.78	808.9423218
########	926.9266	126.795	746.7392	160	808.2536621
########	927.1483	125.125	748.715	129.8217	810.8161011
########	927.3367	127.6733	751.105	128.3733	804.2532349
########	926.5317	125.8525	753.1883	130.5733	811.6192627
########	926.1422	127.5467	757.395	130.5733	796.9014282
########	925.4783	126.8025	759.0367	129.16	804.463623
########	926.3163	125.6075	758.595	128.9864	810.845459
########	926.4817	126.2942	758.6984	157.1967	0
########	925.7133	125.5933	1181.368	182.1817	0
########	925.3934	127.0183	1258.053	208.3683	0
########	926.8066	126.705	1256.127	232.9417	0
########	927.1884	125.9044	1253.463	251.26	0
########	925.7317	125.1933	1256.207	273.1617	0
########	927.5933	125.5817	1253.475	293.0033	0
########	928.1408	124.1067	1254.428	314.5617	0
########	928.4966	126.2633	1252.867	338.7667	0
########	927.925	124.8442	1254.215	357.1283	0
########	929.3934	125.1933	1251.701	382.36	0
########	929.4067	125.1883	1254.627	407.5867	0
########	929.4034	125.2067	1253.095	427.7484	0
########	930.8817	125.2367	1256.19	444.5317	0
########	931.1767	125.8942	1253.297	457.35	0
########	930.5183	125.4145	1252.76	470.23	0
########	933.2708	126.04	1252.073	485.5367	0
########	933.7966	125.0408	1252.173	500.9433	0
########	934.5367	136.385	1252.972	510.155	0
########	933.7817	125.9067	1264.048	521.1367	0

########	933.295	127.57	1261.374	529.7072	0
########	931.32	128.22	1257.725	541.8375	0
########	933.1025	127.635	1266.185	552.035	0
########	933.1349	127.34	1256.465	559.14	0
########	934.0012	126.745	1260.26	564.405	0
########	934.4775	126.185	1261.245	566.205	0
########	935.4275	127.06	1256.355	565.995	0
########	935.965	126.7825	1255.01	567.4375	0
########	939.225	126.535	1255.27	568.955	0
########	938.96	121.69	1245.745	571.67	0
########	939.405	126.29	1248.28	570.9025	0
########	939.135	130.605	1247.21	569.995	0
########	939.51	127.74	1253.365	570.945	0
########	939.285	129.94	1251.605	571.88	0
########	939.405	130.935	1254.295	570.815	0
########	939.6825	131.695	1254.125	571.54	0
########	940.215	132.7875	1253.877	571.3317	0
########	942.795	127.7175	1254.325	572.42	0
########	942.795	132.125	1255.435	572.47	0
########	940.67	130.96	1254.03	571.88	0
########	941.225	129.83	1253.27	570.01	0
########	943.195	130.2	1253.53	571.3675	0
########	944.91	133.835	1252.438	570.665	0
########	923.57	129.935	737.87	571.54	792.5164795
########	938.08	130.77	751.365	571.88	783.581665
########	903.57	132.395	759.67	353.805	825.3065796
########	928.555	124.55	754.795	141.79	824.0137329
########	930.305	129.485	759.47	129.005	803.9249268
########	917.57	132.745	760.57	127.965	804.0678101
########	928.02	132.64	762.17	133.33	804.0678101
########	925.495	132.805	762.535	132.035	807.7671509
########	929.47	129.11	762.495	132.4	820.8623657
########	928.79	128.83	761.7375	130.9375	806.1412354
########	929.295	128.945	761.24	134.105	815.5278931
########	928.91	129.5325	761.75	130.865	809.1060791
########	927.9483	128.1683	761.6467	134.8267	793.6883545
########	931.9117	131.5783	759.7867	132.0217	797.0194092
########	928.9392	130.13	760.1367	143.7933	790.8095703
########	929.1983	130.5733	763.7634	153.0683	808.3635254
########	926.7767	127.1083	759.6483	167.5967	798.5971069
########	929.9333	128.19	757.705	134.095	796.5325317
########	926.4316	114.1417	759.9366	132.9033	796.5325317
########	928.5358	134.6817	761.795	127.6633	797.1875
########	929.2892	129.7467	762.7683	129.9517	817.8879395
########	928.5217	129.8217	762.7366	136.825	742.1577759
########	927.1833	132.445	763.0433	137.245	812.9732666
########	928.0742	130.4642	762.3267	129.7267	819.2819824

########	922.56	132.4767	761.8583	130.8267	837.9465942
########	928.5017	129.8217	761.7178	134.735	822.2912598
########	929.6567	128.135	760.5267	265.705	799.8088379
########	928.4366	127.99	754.5533	188.8467	815.9152832
########	921.005	129.3233	756.625	135.285	806.5241089
########	927.8217	131.5783	758.7516	136.6433	808.8153076
########	928.5734	130.6967	761.7883	131.5783	808.8153076
########	928.5767	132.4883	763.4783	130.0783	815.1312256
########	928.775	152.0267	764.5942	135.6367	806.0165405
########	925.96	128.0417	764.6216	133.395	807.024292
########	925.565	131.3967	764.19	132.295	803.1881104
########	928.6517	130.205	762.59	132.7183	795.9016724
########	928.925	140.9133	762.2634	127.18	807.4584351
########	927.675	130.3483	762.7583	129.8733	801.5808105
########	929.2367	128.1717	762.3267	255.6233	798.8493652
########	926.685	130.9933	756.5067	213.7067	793.8312988
########	930.555	134.13	755.505	137.6333	802.1992798
########	922.5192	131.305	757.6575	132.295	803.2391968
########	939.2466	128.0175	760.7366	130.755	803.2391968
########	933.3234	130.0783	762.2734	129.515	808.6564941
########	926.9617	133.0267	764.3783	131.5983	806.7420044
########	930.1483	132.1283	764.6633	131.5983	804.3181152
########	930.3533	131.6733	763.9842	133.2517	803.9400024
########	933.2333	134.1333	764.4633	136.7533	800.934082
########	929.5817	132.1483	764.5367	131.315	794.7615356
########	929.4517	133.8183	763.3633	133.6517	808.9630127
########	924.1166	129.5533	763.3642	132.0067	811.052063
########	929.2683	132.8767	760.9383	276.3733	807.3436279
########	937.2817	132.175	756.79	188.1117	787.8793335
########	929.7983	127.71	757.965	141.675	798.5070801
########	930.45	132.7317	761.0583	137.94	798.5070801
########	932.41	131.7267	761.7584	130.87	807.6153564
########	931.2383	132.9125	763.2033	130.1817	784.87854
########	920.7067	134.0733	765.0416	131.2817	779.5999146
########	918.3967	131.9683	766.0617	134.7233	795.9105225
########	933.63	125.15	766.7033	129.2383	798.024292
########	921.4534	127.2667	764.7933	128.6692	799.4683228
########	926.7267	127.5917	764.5034	135.21	801.2219849
########	929.5317	129.2617	764.045	138.05	761.1826782
########	928.8083	128.7883	762.1284	261.5617	818.3129272
########	927.2583	132.6342	755.505	225.2067	798.68927
########	929.2317	131.2183	755.1584	141.4067	810.8632813
########	929.2022	138.9667	757.3967	132.8867	810.8632813
########	931.0817	125.2817	758.6716	128.9342	809.842041
########	929.9183	133.3158	763.155	128.3067	793.6912842
########	929.7617	133.66	764.1033	131.7633	798.4031372
########	929.5933	133.565	764.8066	133.4683	809.7820435

########	936.4133	146.205	765.0516	129.83	814.0147705
########	929.5933	132.8867	765.3617	127.06	806.0794067
########	932.3945	135.4667	763.9783	135.8367	794.6003418
########	931.0083	143.72	765.3734	130.6633	791.7789307
########	916.17	129.0317	764.29	132.5383	800.2072754
########	927.635	141.2867	761.0416	265.645	790.7868652
########	929.7617	132.355	755.0933	189.935	799.3612671
########	931.9333	132.7317	755.9033	137.395	800.6931763
########	934.8533	132.5125	759.19	129.6967	800.6931763
########	931.0817	130.7733	761.3233	129.975	796.4697266
########	931.54	110.2183	763.53	128.6933	796.2481689
########	928.855	127.5967	765.3967	131.3033	802.9986572
########	930.6683	139.28	765.0583	128.125	804.9789429
########	920.025	113.59	764.53	132.0625	798.2798462
########	932.525	130.965	764.67	134.4725	803.8394165
########	929.13	132.06	764.5983	132.635	801.7989502
########	931.3333	132.6667	763.9556	136.9	796.8244629
########	929.5333	131.8333	762.3	252.1667	808.1832275
########	929.4333	133.2333	756.4667	207.8333	810.8051147
########	928.9	132.8	757.6	137.8667	798.2258301
########	928.95	132.3	759.3	137.1333	805.2848511
########	929.3334	133.4	760.5667	132.0333	800.5648193
########	929.1667	133.1222	762.7333	131.9333	796.9782104
########	928.7667	131.4667	763.1	130.5667	806.9214478
########	929.6333	132.4	764.6666	138.0333	807.7752075
########	928.5667	132.4	764.4667	134.1333	807.5725098
########	929.1333	131.5667	763.4333	134.7	805.5877686
########	929.0667	131.3	762.0333	164.7667	795.5838623
########	929.1667	131.6667	757.9	207	804.1295776
########	929.2667	131.9333	755.5333	172.0333	791.0332642
########	928.4333	131.9	756.9667	138.6	800.3864136
########	929.0333	131.9	758.3834	129.7167	802.8365479
########	928.5333	131.9333	760.3	129.6333	797.9608154
########	929.0333	132.1667	763.2333	130.1	796.8433838
########	928.7667	131.2	764.9333	129.4667	795.6727295
########	928.9	132.1667	765.0333	129.1	807.6779785
########	928.0667	130.5667	764.9	136.5667	794.8248901
########	927.9111	130.9667	765.0333	149.2333	797.5411987
########	927.7833	130.6333	765.3666	141.8	796.9473877
########	928.1667	131.3	760.3	250.6667	787.4257813
########	928.2222	129.7167	754.4667	186.8	788.2849121
########	928.2	130.7333	754.4333	136.0667	793.4571533
########	927.65	130.4667	756.5	133.1667	795.4414063
########	927.7	129.8333	759.35	132.1333	804.0683594
########	927.6667	130.6222	761.3	128	797.7869873
########	928.3333	130.1667	762.6666	130.4333	801.4507446
########	927.3556	130.2	762.6	128.7333	806.645813

########	927.3333	130.1	762.9333	131.5333	796.6916504
########	927.8	129.7143	762.6666	132.9667	793.4051514
########	928.8833	128.95	762.2333	135.3833	802.4588623
########	926.9333	129.6333	762.05	128.65	805.5124512
########	926.7333	129.0167	760.66	271.18	797.6316528
########	928.1833	129.8667	754.9166	218.3667	804.90448
########	927.3834	129.2667	754.1667	147.3833	792.9742432
########	927.3834	130.4667	756.8334	137.5167	807.5101929
########	926.9333	128.2833	757.7333	130.1833	798.4147339
########	927.4917	128.6042	760.4417	130.2333	798.4147339
########	928.1334	129.9333	761.7333	129.2667	801.1940918
########	927.6583	128.7333	761.95	130.9167	786.5096436
########	927.9667	128.2278	761.9944	135.15	800.7025146
########	928.5667	127.825	761.2	144.3833	798.269043
########	927.7833	128.7042	760.1667	162.9	805.6522827
########	928.0667	127.4333	758.2667	160.9333	798.8848877
########	927.325	129.3	756.2833	158.3167	801.701416
########	928.1833	129.4167	756.9333	143.1	811.2213135
########	928.5667	128.05	758.6166	138.9167	807.99646
########	928.05	128.6778	759.7833	135.5833	800.6345825
########	928.825	128.95	761.4167	130.8556	795.0465088
########	927.5333	128.5667	762.2333	131.7111	795.9291382
########	928.1166	128.7917	762.0834	134.1833	798.2335205
########	927.4917	129.0833	761.9833	137.0167	802.3009033
########	927.8167	129.0167	761.95	136.3833	796.730835
########	926.8666	129.35	761.8334	261.4	807.46875
########	926.8666	128.5917	755.1666	209.2833	788.088501
########	927.775	128.1917	754.8667	137.5167	803.7661743
########	927.7833	128.8333	756.6167	135.7167	805.9498901
########	926.8666	128.2333	758.65	134.4583	807.6188354
########	926.8666	129.3083	760.2667	128.4333	801.4153442
########	927.4166	127.65	761.5333	131.8667	794.692688
########	928.05	128.7333	761.6667	133.1833	797.4152222
########	927.0333	128.65	759.0167	167.9917	798.1494141
########	927.3111	128.1667	757.1917	149.0333	788.4058838
########	926.9333	128.4333	758.0333	138.5833	796.3201294
########	927.875	130	759.5167	133.2667	801.5836792
########	927.2	128.9	760.8	132.2	790.4920654
########	926.9	127.4	762.2667	129.6	803.9679565
########	926.8	128.5	763.5	135.1	803.814209
########	928.3	127.6	762.6	135.1	805.5258179
########	927.2	127.8	762.4	130.35	793.6084595
########	927.6	127	762.4	135.4	800.5535889
########	927.2	126.7	761.5	134.7	791.4727783
########	926.1	128.1	760.4	224.1	806.828186
########	927.9	128.1	757.1	231	806.1298828
########	927.2	127.2	754.3	149.4	796.2108154

########	927	127	756.2	130	806.4434814
########	926.5	125.9	757.8	132.5	804.5558472
########	926.8	126.7	760.6	131.1	810.8295288
########	927.2	126.7	762	131.1	807.4881592
########	926.8	125.9	763	129.7	801.0969238
########	927.6	127.4	762	135.4	801.2662354
########	927.2	127.4	761.3	149	803.4103394
########	927.04	128.1	760.65	131.8	801.607605
########	927.9	128.1	760.15	191.1	806.0024414
########	926.8	127.4	757.5	196.2	834.1287231
########	927.55	127.5333	755.1	153.8	834.1287231
########	927.2	128.1	756.2	132.2	780.289978
########	927.6	127.95	757.6	134.3	766.5170898
########	927.2571	127.7429	759.2429	136.8154	783.0626221
########	926.9333	127.85	761.6667	129.45	783.5915527
########	926.7722	126.0833	761.35	127.7333	786.8222046
########	926.7917	127.2833	761.8667	128.65	782.0944824
########	926.6167	127.2333	762.1667	135.6833	778.2331543
########	926.75	126.75	761.9917	134.95	789.5360718
########	926.75	127.5167	760.0167	233.35	786.6569824
########	927.6667	127.3083	753.4333	205.6667	786.4110107
########	927.3167	127.3333	753.4167	152.2667	784.8365479
########	926.3167	126.0833	755.0833	134.1833	784.8365479
########	926.55	127.1667	756.55	128.8333	787.7266846
########	926.6833	128.25	759.6	128.1667	789.3345947
########	926.6833	126.4167	761.5333	132.1667	782.3006592
########	927.1833	126.0833	762.1667	130.45	786.2033081
########	926.2167	127.9833	762.35	131.2167	786.2033081
########	926.6375	126.95	762.1667	135.3833	787.0882568
########	926.675	125.6583	761.95	133.2	200.0921021
########	926.9333	126.1333	761.3333	130.3333	0
########	926.6167	126.3833	760.0667	131.4667	0
########	927.1334	125.7167	760.05	133.05	0
########	926.55	124.8667	757	283.55	0
########	927.4667	125.4333	751.7143	187.7714	0
########	926.3666	125.3333	752.3333	135.3333	0
########	926.75	126.7667	755.1666	131.0667	0
########	926.7	126.0333	757.6334	129.3667	0
########	926.52	126.8	759.9333	129	0
########	926.7	126.5333	760.5667	129.7	0
########	926.3333	126.0333	761.1666	128.2833	0
########	926.5667	125.9	761.2667	129.7667	0
########	926.7	125.3167	761.0333	131.4333	0
########	926.8666	125.8333	761	132.7667	0
########	926.8444	126.7667	761.0333	128	0
########	926.2333	125.7	760.8	133.9667	0
########	926.4667	126.0667	755.7667	281.6	0

########	926.8666	126.8833	751.1334	180.2333	0
########	927.0667	125.0667	753.1	130.9333	0
########	926.6	125.4667	755.55	129.4667	0
########	927.1334	126.0667	758.2667	131.3	0
########	927.0834	125.9444	760.6	128	0
########	926.6667	126.5667	761.0333	129.8667	0
########	926.8842	125.7714	761.3857	130.9286	0
########	926.575	126.3	760.75	134.9	0
########	927	126.5	761.1	128.3	0
########	926.725	125.75	761.975	131.25	0
########	927.05	126.15	761.05	131.65	0
########	926.2	126.85	760.5833	165.1	0
########	926.45	126.85	754.25	255.2	
########	926.45	126.5	751.05	155.4	0
########	926.65	125.35	754.05	131.4	0
########	927	125.95	756.35	130.5	0
########	927.2	125.05	759.2	127.4	0
########	926.85	126.3	760.85	131.425	0
########	928.025	125	761.2	128.15	0
########	926.2933	125.7183	761.2033	132.355	0
########	927.2133	126.07	761.4167	128.175	0
########	928.1683	124.9933	760.9808	130.2633	0
########	927.0317	125.5617	760.6528	130.8683	0
########	927.1033	125.3033	760.6775	134.7967	0
########	927.3809	125.7183	757.74	283.5367	0
########	927.3809	125.3808	752.0516	183.1483	818.1896362
########	927.5383	125.9383	753.9383	133.9017	813.6837158
########	927.2133	125.3847	755.3416	132.8867	802.4134521
########	927.7975	124.5817	758.2217	132.33	794.8518677
########	928.0262	125.4733	760.8317	128.995	791.569519
########	928.0267	125.0733	761.2366	129.3608	783.3338623
########	927.4017	125.4217	762.185	133.1967	779.7156372
########	927.6317	127.3172	763.4266	131.7967	775.1193848
########	927.2317	127.6733	763.0683	129.8733	804.4753418
########	928.0783	126.9683	761.7634	130.4433	804.4753418
########	928.4467	125.8217	761.425	142.73	810.8577271
########	928.1733	126.1533	758.3934	277.0183	821.6311035
########	928.8025	125.4733	752.49	179.1417	821.3845215
########	928.8892	126.4467	754.4608	132.9917	819.0120239
########	927.9483	127.2533	756.995	135.6333	778.9860229
########	929.2875	127.325	759.8925	131.6258	774.9960327
########	928.9217	127.5267	761.6583	128.2267	774.7580566
########	928.5734	128.3733	763.3633	130.4983	786.3442993
########	928.8975	127.93	763.9608	131.875	782.3490601
########	929.3089	126.6483	763.795	132.2783	782.3490601
########	928.9392	127.895	763.1683	131.6875	780.0526123
########	928.8892	128.005	762.39	129.4733	780.0526123

########	928.4467	129.1304	761.9783	187.8533	783.8903809
########	933.5583	130.3517	758.1125	222.16	783.534729
########	928.3214	129.01	756.2634	154.4633	780.6585693
########	929.03	129.0725	757.66	130.805	779.1794434
########	924.29	129.395	759.07	128.84	789.5854492
########	929.935	129.26	762.88	131.52	791.6390991
########	936.37	129.265	764.63	137.885	790.2098389
########	926.72	128.8175	765.67	131.265	787.6480103
########	928.9975	116.065	765.585	130.2975	784.4643555
########	924.575	132.4	766.115	133.51	789.8990479
########	926.585	127.79	764.85	130.595	783.9064331
########	944.555	136.205	763.305	175.26	783.9064331
########	937.475	132.015	757.805	219.53	787.5960083
########	947.315	117.34	755.52	154.785	785.3911133
########	930.99	129.835	757.7875	131.47	792.2258301
########	914.335	130.92	759.835	131.635	788.5517578
########	929.575	131.81	763.19	130.865	785.9732666
########	927.8	133.165	765.5175	127.34	786.6563721
########	910.815	127.835	766.29	128.0567	780.3604126
########	929.8217	129.965	766.585	131.965	787.4831543
########	919.72	129.805	766.97	131.07	786.1296997
########	929.77	135.315	765.485	128.615	790.1152344
########	911.215	157.24	763.9375	240.54	781.49823
########	929.965	137.955	757.525	218.035	781.49823
########	938.97	136.59	756.505	141.84	783.4290771
########	923.5786	130.2686	759.0871	130.2957	784.1789551
########	930.0792	124.935	759.71	130.255	780.6015625
########	930.4301	131.3083	763.11	132.875	783.164917
########	937.6783	120.1825	765.685	131.3767	785.2772217
########	929.625	129.26	765.8557	129.365	785.1477051
########	934.95	128.725	766.46	130.7525	803.1105347
########	921.64	152.975	766.71	128.675	798.6643066
########	930.395	131.67	765.61	158.3025	794.2858887
########	929.635	130.195	762.605	193.69	789.7897339
########	929.06	130.37	757.47	206.885	801.7583618
########	930.56	127.73	757.685	139.55	801.7583618
########	944.78	135.035	759.33	129.1475	796.6204834
########	929.46	130.255	760.96	130.045	794.8964233
########	928.955	136.43	763.51	130.9325	791.1034546
########	926.27	132.245	766.1325	130.33	795.5595703
########	924.85	131.245	766.97	131.1525	798.817688
########	928.805	132.17	767.105	130.98	794.8630371
########	Bad	Bad	Bad	Bad	
########	Bad	Bad	Bad	Bad	
########	Bad	Bad	Bad	Bad	791.1990967
########	Bad	Bad	Bad	Bad	790.7098389
########	Bad	Bad	Bad	Bad	785.3178711

########	Bad	Bad	Bad	Bad	785.3178711
########	Bad	Bad	Bad	Bad	785.7168579
########	Bad	Bad	Bad	Bad	786.6657104
########	Bad	Bad	Bad	Bad	786.553772
########	Bad	Bad	Bad	Bad	798.4381104
########	Bad	Bad	Bad	Bad	792.3182983
########	Bad	Bad	Bad	Bad	792.3828735
########	Bad	Bad	Bad	Bad	796.2033691
########	Bad	Bad	Bad	Bad	796.9541016
########	Bad	Bad	Bad	Bad	795.4446411
########	Bad	Bad	Bad	Bad	790.3192749
########	Bad	Bad	Bad	Bad	788.7050781
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########	Bad	Bad	Bad	Bad	792.0770874
########	Bad	Bad	Bad	Bad	
########	Bad	Bad	Bad	Bad	789.0178223
########	Bad	Bad	Bad	Bad	782.3510742
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########	Bad	Bad	Bad	Bad	785.7218628
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########	Bad	Bad	Bad	Bad	808.2650757
########	Bad	Bad	Bad	Bad	806.2388306
########	Bad	Bad	Bad	Bad	805.0109253
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########	Bad	Bad	Bad	Bad	809.3164673
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########	929.84	131.59	765.175	137.4	799.2129517
########	931.005	133.04	761.625	275.74	796.1134644
########	930.745	128.4	755.945	197.185	795.8477783
########	941.365	136.37	757.31	131.505	801.8621216

########	925.67	128.24	759.57	128.185	803.0848389
########	931.23	132.2725	761.885	131.675	803.0848389
########	923.01	134.825	763.8517	130.51	808.1574707
########	915.12	132.445	764.855	127.645	800.2318115
########	929.125	132.655	766.215	131.275	800.0070801
########	929.47	130.275	765.56	134.975	804.2783203
########	930.485	131.62	764.61	132.585	807.8379517
########	929.8	130.77	764.79	128.24	802.052063
########	935.7	134.66	763.625	139.115	850.2266235
########	921.7	153.635	762.085	272.785	794.4213867
########	930.64	163.525	756.77	190.655	799.3538208
########	930.255	130.785	757.425	135.03	800.1289063
########	931.025	144.615	759.035	130.96	785.8312378
########	914.855	132.395	761.965	134.575	807.3624268
########	931.0775	131.205	764.13	129.915	807.3624268
########	930.76	132.515	765.125	127.715	774.5272827
########	930.045	132.305	765.82	129.005	842.6673584
########	927.255	137.8325	764.975	131.115	780.6469116
########	930.62	130.33	764.53	138.12	808.6642456
########	919.46	133.16	763.1349	139.895	790.1150513
########	929.8758	131.205	763.4725	205.915	802.6906738
########	930.4592	132.78	758.715	195.595	717.8393555
########	929.6567	131.8033	757.9366	144.5667	881.9485474
########	929.1434	131.1339	759.6266	130.5933	817.310791
########	929.2933	130.66	761.7967	129.05	856.5484009
########	929.1467	132.2467	763.84	130.14	872.2907715
########	929.2867	131.6933	765.0533	129.7867	863.1462402
########	929.5711	130.46	765.0533	128.3133	745.680542
########	929.6133	130.14	765.16	129.7133	883.9558105
########	929.6133	130.7267	764.4133	133.4367	821.4927368
########	928.93	129.9267	764.1334	158.6	780.8101196
########	928.86	131.0267	760.8134	231.81	786.3469238
########	929.2933	131.0267	756.4667	152.4533	799.4772949
########	929.0734	130.1133	757.88	131.9867	789.9857788
########	928.2378	130.5367	760.5967	130.5133	792.7718506
########	927.9733	130.9133	763.9067	131.4267	805.961792
########	929.2133	130.2933	765.7933	131.6133	808.1724243
########	928.4133	130.3733	766.9644	130.3733	778.6286621
########	928.84	130.1133	767.1266	128.64	812.921814
########	929.2367	129.7867	767.3334	132.9267	779.5250244
########	928.4867	130.16	766.9867	134.6533	797.5907593
########	928.1133	130.7267	766.1533	156.96	785.8929443
########	927.76	131.2044	762.6266	254.56	768.4019165
########	928.0867	130.8867	756.5867	185.6867	775.2484741
########	928.2911	130.16	757.7867	134.3333	796.6100464
########	927.76	129.8133	759.7333	129.9	861.9399414
########	927.0933	129.9267	761.9333	129.4867	784.5100098

########	928.4867	129.04	764.0933	129.9733	725.7253418
########	928.4867	129.2933	765.3333	133.8933	777.4649658
########	927.5267	129.5533	765.8167	129.7867	774.1694336
########	928.3267	127.94	766.1533	127.5867	808.1777954
########	927.9733	128.9	766.26	130.9267	798.7466431
########	928.4867	128.1267	764.4133	169.0533	821.9615479
########	928.5933	127.96	758.0267	223.1533	787.1748047
########	928.4867	127.91	755.44	155.4533	796.5386353
########	928.5134	128.3133	757.94	133.86	797.4906616
########	928.1133	128.4733	759.7067	134.1867	806.34552
########	927.74	127.5867	762.3533	133.3667	808.2526245
########	928.04	127.995	764.12	132.24	784.1414185
########	928.4133	127.96	764.2133	131.05	754.7363281
########	928.4133	127.9867	764.4133	131.5867	794.8461914
########	928.37	127.995	764.3467	129.5908	813.0862427
########	927.69	127.68	763.85	133.11	813.0862427
########	927.69	127.56	762.07	198.42	799.2312012
########	928.91	127.995	755.33	221.24	765.1669312
########	927.53	127.12	754.7775	141.59	794.5081787
########	928.02	127.68	757.02	129.76	845.980896
########	928.195	127.52	759.42	129.53	835.9547729
########	928.02	127.61	761.85	131.15	834.8742065
########	928.63	126.79	763.93	132.94	768.1947632
########	928.24	126.945	764.66	130.26	843.8554077
########	927.96	127.68	764.87	130.21	852.484314
########	928.14	127.07	765.09	131.64	811.9901123
########	928.2233	127.03	764.13	154.38	790.6068726
########	927.41	127.61	763.03	151.08	781.1508789
########	927.93	127.26	757.89	251.08	798.0974121
########	928.04	127.12	753.88	171.06	753.6454468
########	928.09	128.0475	755.94	133.02	807.460022
########	927.81	128.15	757.71	131.555	797.9289551
########	928.91	127.56	761.01	131.7467	852.2050171
########	927.795	127.56	762.46	130.54	769.3829956
########	927.65	127.96	763.63	129.81	797.4138184
########	927.32	127.855	763.34	132.83	808.0803833
########	926.83	127.855	763.66	134.82	808.5891724
########	928.14	127.68	762.995	140.02	807.3389282
########	927.53	127.19	761.52	157.4	807.3389282
########	927.795	126.79	755.86	239.54	753.9494629
########	928.135	127.35	753.32	156.76	855.9296265
########	927.69	126.465	755.965	134.23	799.4257813
########	927.845	126.91	758.14	131.19	821.9387817
########	927.34	127.89	761.175	130.195	846.7911377
########	928.42	126.14	762.485	132.53	802.5213013
########	928.475	127.12	763.57	128.34	866.5643311
########	927.705	126.51	763.58	130.75	794.9246216

########	928.58	126.67	763.78	133.27	756.6628418
########	926.94	126.91	763.44	149.93	797.3762817
########	927.7534	127.3067	759.18	230.6333	791.9291992
########	927.6233	127.2533	754.4733	192.2	798.5838013
########	927.2467	126.98	754.7933	138.7533	788.1912231
########	926.9067	126.6033	757.5867	134.46	817.7327881
########	927.5967	126.5533	759.3533	130.26	806.4794922
########	927.9534	126.6467	761.74	128.8733	843.0266113
########	927.2534	126.8533	763.7133	132.5533	793.9863892
########	927.2534	126.2067	764.6666	137.3933	861.3284912
########	926.6467	126.3533	766.16	139.36	794.8145752
########	926.5933	126.3533	765.6733	134.6467	800.6606445
########	927.1467	126.96	765.0767	130.46	808.4055176
########	927.5466	126.0067	761.7	246.2	803.7722778
########	927.4533	126.6267	754.98	222.56	812.506958
########	927.1067	126.5533	754.24	152.3733	813.5916748
########	926.8533	126.5233	755.8933	130.8467	813.5916748
########	926.8533	126.4467	758.2933	129.2533	789.3550415
########	927.5466	125.2533	761.82	133.6533	812.0515137
########	927.5733	126.2067	763.96	138.44	817.9440918
########	927.5733	125.86	764.5067	131.76	749.5509033
########	926.6467	125.84	764.0467	130.3967	773.1796875
########	927.2533	126.9067	764.3334	134.5933	825.40979
########	927.0489	124.9067	763.7667	135.6	839.3005371
########	927.1689	125.3733	760.52	191.0467	767.2645874
########	927.3511	124.9067	755.1867	234.06	791.321167
########	926.78	125.2533	752.2333	145.3733	795.805603
########	926.9067	124.8533	755.2733	134.22	813.8085327
########	927.1733	124.6983	757.1	130.2933	892.6531982
########	927.1467	124.8533	761.0333	136.0933	796.2698364
########	927.7134	124.3	762.54	141.8533	796.1459351
########	927.1467	125.4267	763.82	146.2867	801.1234741
########	926.76	125.0267	764.48	135.4667	792.7398071
########	927.8533	125.1867	763.7167	141.9167	788.0848389
########	926.9933	124.1367	764.3934	136.4167	879.5563965
########	926.5367	124.7767	758.6733	256.6433	550.2219238
########	927.3257	125.0743	753.1429	203.8457	0
########	926.8337	124.6533	754.02	132.46	0
########	927.5867	124.51	755.9138	127.8385	0
########	926.8267	125.1633	758.38	130.29	0
########	927.2183	124.7633	761.6934	134.6633	0
########	927.8817	123.4183	762.8167	133.6733	0
########	928.1317	124.79	763.88	129.2267	0
########	927.0067	125.1767	763.91	129.25	0
########	927.2233	125.1867	763.8867	138.59	0
########	927.755	124.4867	763.5133	130.35	0
########	927.2233	124.7633	761.3283	253.0033	0

########	927.8884	125.5633	754.0167	205.54	0
########	928.2633	124.5467	753.7933	136.41	0
########	927.1767	124.1133	755.9867	132.9467	0
########	927.8633	124.8267	758.8284	130.7367	0
########	927.2067	125.5867	761.6733	128.5367	0
########	926.8367	125.0711	763.38	130.0233	0
########	926.8617	125.1633	764.0133	136.1733	0
########	927.8633	124.1233	764.6033	141.9533	0
########	927.895	124.79	764.8067	130.06	0
########	927.2133	124.51	764.2267	130.7367	0
########	927.2133	124.7633	760.5867	273.47	0
########	927.1767	124.9933	753.1367	203.23	0
########	927.5633	124.5183	754.65	130.4333	0
########	927.5733	124.79	756.7967	131.0867	0
########	927.3933	124.4733	760.5633	136.1867	0
########	927.5733	124.2422	762.6967	130.7233	0
########	928.2933	124.79	763.3622	131.3167	0
########	926.8367	125.15	764.3967	135.04	0
########	927.5867	124.51	764.8066	136.3083	0
########	927.5867	125.5633	764.8967	134.01	0
########	927.2233	125.0192	763.5167	132.5133	0
########	926.785	124.535	761.365	280.125	0
########	927.0734	124.535	754.26	198.78	0
########	927.4463	125.1508	756.675	139.965	0
########	927.7575	124.7043	760.0325	138.4872	0
########	927.255	124.445	761.975	132.825	0
########	927.255	124.84	763.4946	132.88	0
########	927.6617	123.4958	764.4371	134.7086	0
########	926.6517	125.1206	764.3134	131.025	0
########	927.4384	123.6692	764.9916	131.5733	0
########	927.4384	123.7867	763.965	130.5483	0
########	927.3192	124.81	764.0517	141.9233	0
########	928.5233	123.9378	761.1167	280.5783	0
########	928.0734	124.0133	754.395	209.6783	0
########	928.0217	124.735	753.9833	137.215	0
########	927.7516	123.3133	756.3567	146.6483	0
########	928.4044	125.0483	759.6917	133.8383	0
########	928.2692	124.4967	762.5567	135.025	0
########	928.8483	124.735	763.9392	139.025	0
########	928.7505	125.7517	765.035	134.7767	0
########	927.7516	125.975	764.6433	129.29	0
########	928.0734	126.4875	764.2867	135.8717	0
########	929.1733	125.4267	762.5517	143.6783	0
########	929.1733	127.075	757.7733	232.9383	0
########	929.5616	126.4517	755.1266	148.9567	0
########	928.935	126.625	756.8567	138.005	0
########	928.225	128.4233	759.9733	131.8867	0

########	928.5267	127.5567	763.4133	133.6033	0
########	929.7966	127.0867	765.1483	134.775	0
########	929.075	127.2483	766.0566	130.7867	0
########	929.1567	129.285	766.1216	136.185	0
########	930.96	134.6733	765.1866	137.7733	0
########	930.9767	127.5517	763.165	137.0633	0
########	920.82	128.4283	760.395	217.3583	0
########	923.3683	127.6742	756.5917	170.6967	0
########	934.0683	128.7383	758.5133	144.67	0
########	929.6433	122.7475	760.9916	130.95	0
########	934.7575	131.6217	764.0483	130.9742	0
########	932.1367	124.7792	766.7567	136.6308	0
########	920.935	129.0808	767.1517	133.4617	0
########	922.2567	128.9617	767.4617	129.21	0
########	929.3615	131.0543	768.1707	129.91	0
########	938.9617	130.7085	767.6957	132.1957	0
########	932.455	127.3283	766.63	168.3817	0
########	929.915	127.47	760.345	248.335	0
########	928.885	130.2108	757.8766	156.17	0
########	935.8183	130.5367	761.2317	134.5867	0
########	925.8517	128.2433	763.115	130.4217	0
########	915.345	130.4217	765.4216	132.0683	0
########	929.9658	131.5433	768.7644	136.4683	0
########	924.915	129.3433	769.5767	129.94	0
########	936.5217	128.85	768.9533	129.3417	0
########	934.3116	127.595	768.83	136.2317	0
########	929.975	130.8533	768.6511	141.23	0
########	924.9542	125.13	765.49	218.025	0
########	929.9966	128.87	759.3683	205.115	0
########	936.7242	127.2875	758.9467	147.21	0
########	928.3217	130.4433	762.2084	135.9667	0
########	929.3066	131.045	764.8158	127.8217	0
########	925.8433	131.3567	767.355	129.8467	0
########	932.2883	121.7067	769.3234	137.32	0
########	929.8217	130.7217	770.685	133.58	0
########	923.4233	131.3567	770.4233	130.175	0
########	917.9517	132.91	770.2233	136.4767	0
########	928.535	129.25	769.6783	134.7817	0
########	931.3217	129.5067	767.145	268.135	0
########	929.575	123.6483	759.5683	216.8133	0
########	930.2533	129.3433	759.7617	142.905	0
########	927.355	133.9167	762.3317	134.5367	0
########	932.2567	139.4575	765.8392	135.0283	0
########	928.4433	130.7217	767.0683	135.245	0
########	930.1392	141.4	768.1925	129.19	0
########	933.4817	131.6467	768.4617	121.05	0
########	949.735	134.0945	769.4317	137.6917	0

########	946.16	134.36	768.9533	129.695	0
########	958.78	133.8567	768.3383	151.845	0
########	953.475	135.125	763.025	240.79	0
########	956.43	140.145	758.535	181.86	0
########	954.45	132.68	760.07	132.445	0
########	954.8163	131.76	762.2625	126.975	0
########	959.415	135.91	765.32	131.675	0
########	941.775	135.265	767.4075	130.85	0
########	959.69	239.635	768.98	130.795	0
########	938.095	255.295	769.79	138.29	0
########	940.55	189.16	769.895	139.305	0
########	929.165	140.875	769.86	132.72	0
########	938.72	131.62	769.4725	127.51	0
########	938.57	138	763.68	252.3	0
########	943.48	134.605	758.92	167.22	0
########	944.4	138.84	760.8675	138.88	0
########	949.61	137.945	762.18	136.185	0
########	953.13	142.525	765.46	136.585	0
########	948.03	132.295	767.335	131.58	
########	940.84	136.5	769.5125	130.135	0
########	956.185	188.805	770.21	138.59	0
########	942.13	242.48	769.09	130.99	0
########	935.765	226.74	767.94	131.345	0
########	933.595	141.96	767.48	135.125	0
########	938.335	144.325	764.23	287.565	0
########	941.115	148.42	758.22	182.26	0
########	933.855	131.98	759.865	129.505	0
########	923.72	138.565	763.095	132.1	0
########	934.46	142.51	766.42	141.095	0
########	938.02	135.84	767.99	129.78	0
########	933.58	135.485	768.565	131.235	0
########	934.695	211.89	767.315	140.695	0
########	924.575	204.78	767.945	144.27	0
########	928.835	171.19	767.295	133.31	0
########	932.92	135.195	766.93	133.89	0
########	929.935	143.815	765.21	267.465	0
########	925.235	144.725	758.895	198.95	0
########	927.765	138.15	759.575	137.41	0
########	928.37	136.225	762.09	132.115	0
########	927.605	134.315	765.225	131.84	0
########	919.7328	145.8533	768.185	129.5086	0
########	924.8867	246.6717	767.4717	130.8467	0
########	924.0733	177.7467	768.2017	135.0367	0
########	929.4017	140.86	768.6866	131.1767	846.7166138
########	919.5516	140.6333	768.2672	129.2967	382.7315063
########	934.155	151.6867	767.3566	142.6417	805.5219727
########	932.605	148.09	766.0433	203.2617	799.5193481

########	931.4866	142.7817	760.7033	219.1117	786.4188843
########	933.6783	132.7167	758.0566	144.2817	774.1019897
########	929.2783	167.315	760.2267	140.46	836.6389771
########	925.7117	226.5483	763.985	141.5533	808.8452759
########	925.3116	182.025	766.765	131.6617	798.7919922
########	926.715	133.1667	766.8766	131.0225	786.3284302
########	923.6583	140.805	768.3717	136.0533	789.9066772
########	927.7017	138.2783	767.0867	133.705	787.1636353
########	917.1028	137.6523	764.8129	131.1729	795.6329956
########	934.2117	141.315	766.0717	136.585	795.6329956
########	929.3533	151.915	766.1583	197.4017	747.4576416
########	930.1467	154.8067	763.1716	238.015	809.1011963
########	930.3134	147.6933	757.6233	156.5167	811.5704956
########	931.2617	226.305	761.1716	136.2317	822.6236572
########	922.5667	255.98	763.5117	141.405	808.9185791
########	935.735	157.465	765.7233	134.195	812.6087036
########	921.0939	142.1167	766.1816	139.6283	735.324707
########	934.9966	144.3667	765.475	139.8383	813.7062378
########	933.0125	134.2183	766.5533	129.1183	807.0205078
########	927.33	138.315	766.7183	131.31	818.4833374
########	932.6033	139.0183	765.7233	135.3358	818.4833374
########	934.5933	149.765	764.96	143.22	794.7462158
########	937.1233	137.1567	761.9883	287.7516	782.1012573
########	952.4216	137.615	756.7233	192.215	773.1600342
########	941.21	135.32	758.29	145.1567	746.9422607
########	945.24	173.79	761	143.4	752.5667725
########	940.48	215.96	764.38	131.84	820.9615479
########	930.35	438.12	766.91	139.06	812.7453613
########	927.4733	154.06	766.4172	138.4943	807.6734009
########	933.17	141.19	765.115	145.3	805.2964478
########	933.84	135.2327	765.25	133.82	807.0556641
########	933.26	133.5067	764.2267	130.6733	789.3830566
########	934.1422	140.7067	763.3467	138.2533	798.326416
########	934.9467	145.94	762.7867	141.9867	805.9008789
########	938.1733	140.1533	760.9267	242.0067	818.2354736
########	940.7267	134.12	756.3067	149.4067	828.609375
########	944.8667	133.4867	758.0133	131.2667	811.9505615
########	944.8467	160.4467	761.4533	130.6267	821.4408569
########	939.6266	170.9333	763.96	135.4267	812.9485474
########	935.3467	271.7133	765.0034	139.4	828.8312988
########	934.22	198.9267	765.16	131.6467	763.6262207
########	936.3267	136.2733	765.0333	131.6867	818.7017212
########	935.6177	137.7	765.28	138.98	807.6428223
########	933.7733	135.6467	764.6133	133.8933	819.375
########	932.5578	135.0267	763.7933	132.1	757.6277466
########	932.02	137.4333	762.96	232.9267	823.0354614
########	934.8	147.8067	756.94	204.8067	810.6680908

########	937.0533	136.32	756.4933	135.1133	820.3026733
########	939.2466	142.8867	758.8533	130.29	803.7890015
########	934.6	214.6867	763.0667	131.5267	791.2932129
########	933.0733	219.4133	764.2267	136.8267	825.302063
########	932.6266	158.9533	764.94	143.98	796.3994141
########	933.8467	138.3267	764.4133	136.2867	816.8869019
########	932.3245	136.6267	764.2133	136.06	807.4096069
########	931.9467	134.5467	763.32	135.7467	809.7339478
########	930.92	137.64	762.9733	139.6533	813.6443481
########	931.04	139.28	761.1133	191.66	825.0188599
########	933.48	147.14	757.9	250.2333	803.1320801
########	937.325	132.17	754.8533	146.0433	806.2589111
########	934.9516	153.76	757.74	139.4	815.3677368
########	928.02	276.36	760.7733	139.1933	800.3673706
########	929.3066	191	762.8134	138.28	801.5656738
########	933.2866	138.3267	763.8367	133.7633	825.6639404
########	933.6978	135.12	763.8367	135.6356	805.0919189
########	931.7283	136.0583	763.3467	136.8067	798.4500732
########	931.5067	132.9933	762.6233	132.5267	794.9324951
########	930.3566	129.9733	762.0933	128.3467	799.6325684
########	933.17	131.1433	760.8817	175.66	815.0424194
########	934.7367	152.8667	757.3567	254.9733	815.0424194
########	939.0634	133.4133	753.9233	157.53	795.1320801
########	937.8933	134.315	756.5367	132.85	785.0977173
########	933.7767	279.76	759.6967	133.9733	816.8353882
########	929.6467	226.6733	762.5533	138.5367	736.7866211
########	932.8867	142.1767	763.56	131.6567	825.1700439
########	934.1767	135.4933	763.76	134.4317	790.7637329
########	932.525	138.42	763.5467	135.9667	801.0932617
########	931.3867	130.5367	762.3533	131.85	804.2302856
########	931.165	133.2067	761.7233	135.9533	816.6741333
########	934.0134	134.7617	760.87	178.0833	810.1328735
########	937.4067	136.08	756.22	235.8333	824.1155396
########	941.52	133.64	753.67	150.14	806.2816162
########	941.74	136.08	757.1	140.82	832.9700928
########	943.34	133.52	759.68	133.12	734.6275635
########	944.12	164.1	761.82	129.8	868.4695435
########	932.06	362.84	762.96	135.36	843.2203979
########	929.61	172.34	762.84	140.5	834.5488892
########	935.1	143.92	763.04	147.94	805.1367188
########	934.98	132.94	762.44	134.74	851.159729
########	932.94	131.16	761.96	132.1	844.6393433
########	930.99	136.28	760.24	199.04	834.4185181
########	932.28	141	756.16	223.86	835.2061768
########	933.64	132	754.24	147.08	741.052124
########	936.66	136	756.94	137.5	730.1715698
########	940.1467	141.24	761.34	139.52	820.940979

########	944.64	133.88	763.07	136.84	731.4480591
########	947.32	172.16	763.93	131.76	726.7808228
########	940.52	312.36	763.22	136.18	835.2908325
########	934.82	220.56	762.92	134.65	848.7297974
########	937.92	139.82	762.12	139.98	836.4436646
########	937.2867	130.68	761.54	131.82	863.003418
########	933.4266	142.48	760.56	280.4	848.8781128
########	931.02	131.3	754.16	175.36	861.5059814
########	930.2911	138.5	755.76	143.44	797.0287476
########	931.07	132.1117	758.8167	133.6967	784.4299927
########	933.5734	137.3817	761.7956	136.3467	781.4366455
########	936.1733	135.7733	762.8867	137.42	794.383667
########	939.3767	136.12	762.99	137.1533	794.383667
########	942.4383	156.09	763.0566	146.8767	786.6382446
########	937.3233	351.8333	762.8267	138.65	810.5231323
########	934.5034	175.9533	762.1617	133.39	801.8717041
########	938.3483	135.8533	760.9483	173.7933	809.8027344
########	935.81	148.6433	758.65	250.9	809.9328003
########	931.8234	132.25	754.2167	160.4267	803.1893311
########	929.15	128.2733	756.3033	130.7533	808.0175781
########	928.3533	134.2333	759.4733	131.5733	808.6990356
########	929.0034	136.1167	761.9434	133.68	801.5012207
########	931.07	137.92	762.79	138.7117	801.5012207
########	933.5734	133.1867	763.6967	133.7333	805.0299683
########	936.4233	133.39	763.13	134.3167	808.8405762
########	936.9833	232.2633	762.2267	136.1833	797.8088379
########	932.7883	303.6	762.3134	144.02	803.8768311
########	937.0467	141.4033	761.0734	137.0033	786.6190186
########	938.7134	138.4978	759.14	309.36	803.1679077
########	934.1266	136.1267	753.7466	194.1067	805.9804077
########	929.9133	134.0333	755.18	140.0133	797.0074463
########	928.1133	135.32	758.7866	136.6067	803.8805542
########	926.78	129.09	761.7933	129.0867	783.7980347
########	926.9434	129.86	763.0133	130.5933	802.2974243
########	929.1067	142	763.6334	137.08	791.0047607
########	932.04	157.3267	763.4467	144.5267	808.671875
########	929.91	278.7067	762.8733	136.7933	810.302063
########	930.6467	186.88	762.4133	131.8333	799.960144
########	934.7933	139.1333	761.3933	138.5867	792.1815796
########	935.6	136.0933	759.56	288.5333	805.7783203
########	931.7067	135.95	754.6067	209.1067	799.6463623
########	929	131.2867	754.9967	134.8067	804.909729
########	926.58	136.68	757.8933	138.6933	809.2628784
########	927.4933	131.8	761.1133	136.5333	791.4165039
########	928.8867	129.0133	763.0267	130.8867	791.4165039
########	929.7022	138.88	763.0267	131.7667	803.8607178
########	926.9067	273.5334	763.1334	140.3067	807.5776978

########	929.6934	185.2333	762.88	135.6133	815.5003052
########	934.42	132.8267	762.3066	132.0933	793.1564941
########	934.6467	135.84	762.1467	136.3867	801.7380981
########	930.82	130.66	760.1252	240.27	803.7451782
########	928.66	150.91	755.67	242.7	809.2394409
########	928.0033	134.12	753.91	141.6	809.5090332
########	928.26	137.45	757.19	138.34	797.1694946
########	928.05	127.51	760.27	128.54	805.954895
########	930.14	133.38	762.3934	132.38	800.0654297
########	931.49	219.21	763.09	136.65	815.1262817
########	929.44	235.21	763.32	143.46	806.1789551
########	932.41	151.6	763.09	132.32	815.3209839
########	936.25	137.53	763.0225	135.005	805.5596313
########	933.69	132.71	762.105	135.51	797.7103271
########	929.495	130.55	761.0699	183.73	807.9738159
########	926.785	131.725	756.52	238.22	791.3479004
########	926.14	138.44	753.17	150.06	795.5743408
########	929.25	152.7	757.55	165.72	810.1636963
########	930.25	132.97	760.83	138.67	737.1655273
########	931.6349	165.43	762.02	130.34	765.2335205
########	928.37	299.61	762.9453	136.38	785.5563965
########	931.3475	166.618	762.3833	140.4049	787.6187134
########	934.9932	131.7661	761.8661	132.4746	790.78302
########	934.12	130.19	761.62	130.45	790.78302
########	930.1133	135.76	760.04	134.9533	800.5344238
########	927.2458	128.65	759.7084	225.875	784.5296021
########	926.6375	131.9958	754.55	202.925	800.3843384
########	926.775	128.5917	753.9333	136.2917	798.1051025
########	928.6334	134.6417	757.05	137.4167	780.333313
########	931.1542	135.65	761.4417	137.3583	796.394165
########	929.55	290.675	762.2167	137.175	801.8087769
########	930.9917	187.8583	763.675	134.15	806.6136475
########	935.2083	133.0833	763.725	134.2417	817.0009766
########	935.9833	133.6	763.4583	137.7583	787.9267578
########	932.0917	127.95	763.0875	131.4792	787.9267578
########	929.0917	136.5333	762.825	138.0333	786.7616577
########	926.6167	129.0833	762.3667	143.1	794.3412476
########	926.775	138.4583	757.2083	261	797.4796753
########	928.2667	130.2083	753.0833	154.1	793.9603882
########	929.7833	134.425	755.4333	134.4833	791.7119141
########	928.4083	289.425	759.45	135.7417	796.6102295
########	929.925	206.525	761.9214	135.6357	806.1636353
########	935.2667	147.0167	763.65	142.3417	793.1668091
########	936.0917	131.3667	763.3167	133.1417	811.7810059
########	934.225	127.9625	763.4667	129.6583	797.0958862
########	929.8583	135.9833	763.4833	136.9	794.8674316
########	927.875	145.05	761.8192	160.5357	794.8674316

########	927.725	129.8375	761.275	141.025	793.2631226
########	928.6083	139.525	759.475	218.075	796.8354492
########	931.425	135.5375	756.3	161.525	781.977478
########	933.7125	204.75	757.975	142.3	791.5233765
########	931.3125	254.45	761.275	140	796.1397095
########	933.725	161.35	763.45	135.975	811.2507935
########	937.725	136	764.275	141.325	797.5900269
########	935.175	136	763.975	139.35	788.6582642
########	931.175	138.125	764.15	140.825	792.2488403
########	927.775	134.8	763.475	136.35	797.1816406
########	929.1	146.75	763.575	131.775	800.1190186
########	924.825	138.025	762.875	182.575	800.1190186
########	927.55	136.275	757.9	221.8	800.864563
########	937.825	199.1	756.3	150.55	780.3348999
########	945.75	262.675	758.925	140.5	
########	389.0476	82.44555	312.356	57.90916	
########	Not Conne	Not Conne	Not Conne	Not Connect	
########	Not Conne	Not Conne	Not Conne	Not Connect	
########	Not Conne	Not Conne	Not Conne	Not Connect	
########	Not Conne	Not Conne	Not Conne	Not Connect	
########	945.825	301.9117	763.4867	145.8567	792.5553589
########	948.035	144.4083	763.8617	149.2783	793.1966553
########	948.5475	135.2683	762.5516	163.06	782.3907471
########	952.5734	140.685	759.3716	251.9183	762.5147705
########	945.175	150.705	756.8033	177.48	861.4078979
########	943.8683	184.2083	759.5416	138.5817	861.4078979
########	952.7567	370.8317	762.2317	142.5317	812.8342285
########	950.95	177.5717	764.0967	142.6067	813.0977173
########	949.9133	142.23	765.39	140.8417	810.5095215
########	942.7417	131.0617	764.5692	129.4317	798.4248047
########	958.4717	134.215	764.1033	131.7092	860.7589722
########	943.8683	170.2017	762.9617	133.4192	805.5383301
########	942.5267	315.1133	762.1033	143.125	811.6016235
########	948.3917	182.3183	761.6033	143.8033	812.0253906
########	959.7767	134.4708	759.6358	264.0633	811.923645
########	962.8483	139.4617	757.655	187.0533	786.288147
########	947.88	131.0383	758.8416	134.5067	889.1519775
########	931.6183	147.5333	762.1934	135.63	815.6954956
########	939.505	331.3567	765.7645	139.0767	805.460144
########	949.345	221.95	766.3033	146.025	797.3325806
########	958.2217	141.0783	766.0367	133.0267	811.6866455
########	961.1183	146.615	765.5684	134.9017	804.4625854
########	949.5517	143.4967	764.4633	139.3733	794.6031494
########	942.695	166.9883	763.3533	139.175	790.9224243
########	945.8317	294.99	763.5634	147.6983	797.9927979
########	947.095	237.415	763.005	146.3767	812.3619385
########	957.07	144.7617	760.315	296.6183	807.2866211

########	958.2933	148.615	758.0734	188.8067	813.3608398
########	953.235	150.485	760.4633	133.7817	803.557251
########	941.8517	164.4583	763.18	131.71	777.0912476
########	942.3466	297.5967	766.185	136.37	804.1140137
########	949.37	198.05	766.7466	143.2267	789.1270142
########	953.235	139.4433	766.5608	133.43	802.3497314
########	954.5967	125.4233	765.281	131.5267	799.9468994
########	946.3267	139.0758	764.9366	135.1033	803.2547607
########	938.15	201.8083	763.9783	144.3233	784.5738525
########	945.2233	286.425	763.0783	145.0783	792.8500366
########	952.8483	172.0117	762.6733	143.005	779.185791
########	956.6467	139.6742	759.3834	286.7367	801.4495239
########	940.05	143.9567	758.3367	186.5717	784.8840332
########	944.6217	134.1883	759.0267	133.3033	796.3780518
########	943.6833	294.0733	764.3267	130.5183	789.480957
########	946.8017	230.685	766.1217	138.8433	768.8527222
########	955.2925	143.425	766.1439	137.0467	789.7753296
########	956.2266	141.2633	765.2525	135.36	782.4073486
########	951.8783	134.5533	764.61	129.6517	777.8305664
########	938.7117	232.905	764.1783	128.0933	763.520813
########	932.315	217.045	762.59	137.355	824.607666
########	953.5483	151.565	761.4483	136.2233	802.305481
########	956.3734	141.43	761.4467	137.9083	820.6478271
########	947.88	138.8967	759.595	259.2367	822.5682373
########	958.775	136.425	758.0517	177.6967	793.338501
########	955.785	213.3233	760.7875	133.6883	812.3804932
########	956.6833	315.5067	764.5267	148.1217	815.9943848
########	955.2333	197.35	765.3533	153.895	815.598938
########	966.94	139.435	767.12	131.58	811.8012085
########	952.81	131.965	765.16	130.165	797.9486084
########	951.715	135.42	763.775	132.13	773.8644409
########	963.59	184.73	764.1125	139.975	821.4719849
########	964.03	381.405	762.94	146.905	744.286377
########	954.835	195.13	761.685	133.8975	800.3547974
########	957.925	143.785	761.24	229.68	813.2850952
########	960.54	129.325	760.575	195.51	799.2332764
########	963.905	151.525	759.86	139.94	801.6484985
########	959.54	248.095	760.555	144.425	785.7334595
########	952.205	368.28	767.39	146.24	815.6616821
########	957	162.02	767.555	131.295	794.1491089
########	955.06	153.275	767.76	137.435	796.7137451
########	950.52	197.925	767.335	132.02	800.8116455
########	950.555	203.7	765.76	136.035	813.562439
########	961.88	238.315	765.09	138.07	875.717041
########	949.735	196.645	765.0425	137.555	802.0776367
########	939.235	171.42	764.63	233.98	814.02771
########	946.435	233.005	761.58	168.88	803.8880005

########	945.44	165.15	762.765	137.66	783.4955444
########	956.35	186.44	766.6475	141.915	787.0914307
########	945.99	216.115	768.3075	136.56	770.8482056
########	940.95	177.26	769.215	137.435	783.5604248
########	946.755	248.48	768.74	134.035	772.9753418
########	942.2117	182.8517	766.6069	131.8417	820.572876
########	943.6683	148.2817	766.4558	139.07	795.7363281
########	947.3367	145.3917	764.6066	138.9408	801.0211182
########	961.4166	177.6967	764.9017	132.93	801.8887329
########	942.5867	238.73	766.3984	241.4133	802.019165
########	920.53	226.985	761.715	178.0767	795.4967651
########	942.9133	161.715	761.6867	146.0567	799.3619995
########	947.6633	149.7917	766.5925	145.7367	799.7161865
########	945.5067	176.4267	768.99	132.8633	813.2722778
########	934.05	246.3983	769.5067	135.0867	801.6658936
########	942.385	233.88	767.7117	136.93	790.913269
########	943.3183	171.0733	766.6091	143.875	831.5216064
########	945.8934	148.735	765.0883	143.5917	818.0864868
########	943.9767	185.59	766.79	133.975	814.8880615
########	938.2117	251.0483	767.1867	207.735	804.946106
########	947.5784	191.625	763.525	197.865	794.1992188
########	943.995	160.1217	762.3884	153.265	818.3210449
########	942.6116	145.725	765.6884	141.9817	821.7609253
########	940.9592	189.0033	769.1683	135.0517	770.4500732
########	913.7383	242.3333	770.1116	136.4817	828.9951782
########	938.8533	202.3933	769.41	131.64	819.6085205
########	941.0267	153.3067	767.6033	136.4533	819.6085205
########	937.28	172.48	766.68	139.52	806.4885864
########	940.88	196	764.8066	139.44	828.7052612
########	938.34	240.26	764.3	132.58	814.4522705
########	936.32	198.12	765.81	238.18	778.914917
########	937.64	185.34	761.12	173.36	815.246521
########	936.46	167.7	762.68	159.98	839.6604614
########	934.46	184.98	767.62	140.44	821.7211914
########	939.9	262.6	770.42	141.72	808.2404785
########	934.36	208.96	770.48	145.74	818.5063477
########	934.34	165.78	768.5	147.06	800.0337524
########	933.88	143.18	767.86	135.24	807.9368286
########	931.16	181.24	766.52	135.3	815.861084
########	929.32	276.8	765.54	139.36	789.3460083
########	932.56	194.84	766.14	214.3	810.4358521
########	932.52	150.58	763.32	190.18	799.430603
########	930.97	145.78	761.86	139.34	817.7589722
########	930.18	235.6	765.48	141.64	805.3710938
########	928.12	232.32	768.32	143.84	818.6085205
########	930.0699	181.7	768.72	136.22	827.1210938
########	929.48	149.02	767.74	133.86	762.5974121

########	928.14	161.7533	765.92	139.06	817.1586914
########	926.555	233.8417	764.7274	139.21	820.9939575
########	926.3734	223.0033	763.6266	136.0567	810.4873047
########	928.5217	160.37	762.91	138.1467	811.0557251
########	926.9467	150.3567	763.0783	230.7733	803.4682617
########	925.5283	191.5367	760.8183	165.9433	800.3753662
########	922.9467	251.0933	762.8167	134.11	825.2733765
########	925.125	196.7833	766.7867	137.89	812.2548828
########	927.0933	144.05	768.7267	134.0033	791.9647827
########	926.3533	141.5167	768.1567	137.56	781.725647
########	924.8933	157.715	767.2183	137.4533	802.0041504
########	922.5033	268.88	765.205	141.5533	894.2443848
########	923.35	212.7667	763.9633	143.3533	802.4832153
########	927.1266	147.3133	762.5267	133.5567	790.1636353
########	924.7433	137.5967	762.0734	173.3533	731.3831787
########	922.95	179.48	761.63	200.9633	817.2293701
########	920.09	249.3367	759.7433	148.12	739.3937988
########	923.4966	187.2867	765.0233	141.0067	728.9369507
########	925.9533	146.7633	768.0267	132.6433	777.440918
########	922.6733	138.1467	768.9467	133.7267	803.0024414
########	920.3033	230.6333	768.8933	141.4467	744.4078369
########	919.6067	231.9167	766.7415	143.4667	818.6365356
########	922.9867	173.4267	765.2867	131.52	794.9921265
########	923.5734	143.76	765.2067	131.9867	797.8699951
########	921.5911	142.9067	765.5933	137.9	790.2183838
########	919.1733	229.3067	765.8467	237.42	806.4537964
########	919.0466	220.96	760.9733	163.48	800.651062
########	922.5867	162.7667	762.3533	134.3267	800.651062
########	922.18	151.2067	766.4266	139.6133	799.9597778
########	921.8867	148.2333	768.46	131.6933	799.9597778
########	918.96	237.4933	767.7133	137.5533	800.9436646
########	920.0289	219.9667	767.9133	144.2267	734.7901611
########	922.4266	165.2467	765.5133	136.3933	812.909729
########	920.7867	139.5733	764.0734	133.2333	797.4235229
########	917.6733	162.34	763.1666	135.24	809.4892578
########	915.3133	237.26	760.76	266.8933	814.8577271
########	915.72	213.6267	759.1933	183.7267	807.630127
########	917.6547	154.3467	760.48	133.86	806.5529175
########	916.0867	144.3067	765.24	133.34	807.7822266
########	914.3267	178.52	767.44	139.94	810.9822388
########	911.6133	237.16	766.8133	145.6733	803.8207397
########	912.64	202.36	766.3666	139.9467	812.1171875
########	914.54	160.78	765.78	138.1867	799.5194092
########	911.33	154.28	764.2133	136.2	801.0942383
########	908.78	180.6	763.1431	132.8	800.6643066
########	907.64	200.57	762.68	162.295	800.3330688
########	910.54	172.36	760.83	231.78	795.1171875

########	911.94	149.48	758.41	146.92	805.8620605
########	908.97	179.525	762.03	134.09	808.0639648
########	907.86	190.89	766.58	135.64	798.8674927
########	907.52	177.81	767.48	134.91	805.8866577
########	909.02	159.5	766.86	142.45	802.3913574
########	910.61	144.21	766.59	140.14	816.1524658
########	907.74	180.89	764.82	131.43	804.1391602
########	906.05	177.74	763.91	131.85	807.1329346
########	907.45	200.74	762.47	149.7	804.282959
########	908.41	153.83	761.78	247.39	814.8865356
########	909.72	136.57	758.82	161.38	818.8900146
########	910.82	136.73	760.85	133.7	810.9454956
########	910.245	257.84	766.145	138.99	815.4348755
########	908.31	222.1	767.56	138.28	807.7352905
########	912.83	156.99	767.44	135.96	813.1680298
########	915.53	137.51	766.04	137.83	808.8696899
########	914.6829	135.3543	765.12	135.28	806.6072998
########	913.84	138.45	763.745	133.72	818.5133667
########	912.6067	288.5867	763.06	141.28	806.6630859
########	911.2667	209.2533	760.8134	260.7933	810.9579468
########	915.3233	149.0733	759.0466	174.54	814.1177979
########	916.6933	138.2	759.8533	140.4	811.673645
########	915.4267	132.8067	764.6666	134.1667	813.6697388
########	914.2	171.2267	767.8734	132.04	813.8390503
########	908.8467	263.4867	768.2733	138.1467	808.1818237
########	913.0466	190.5467	767.0267	147.5333	815.0169678
########	915.4267	143.4067	765.4467	133.3933	808.7974854
########	913.5067	136.3467	764.6866	137.4667	808.6365967
########	911.5867	202.2667	763.58	139.54	808.6365967
########	908.8067	272.6533	761.5933	261.88	816.1033325
########	911.14	204.6467	760.3067	223.2	816.1033325
########	913.5067	138.3467	758.7867	142.0667	817.9579468
########	911.5156	141.26	763.3933	141.9067	811.986084
########	908.9534	236.6267	766.8666	143.0233	807.489502
########	906.8467	231.1067	767.9266	148.0155	816.2164917
########	910.32	185.7267	766.9733	145.9	811.8323364
########	911.4344	140	766.1067	131.6533	821.5111084
########	908.9534	152.2467	764.1533	135.4133	823.3432617
########	906.6067	218.1067	762.9733	134.0356	813.0370483
########	906.8467	200.2333	761.9867	145.7	819.5745239
########	910.3467	149.3133	760.4533	219.98	823.5188599
########	908.3431	144.3029	758.3257	149.9343	810.4732666
########	907.4267	222.9933	761.88	135.04	811.6890869
########	904.4767	211.1567	766.5867	133.31	815.9226685
########	905.9633	180.56	767.2017	132.1733	810.9920044
########	908.0623	154.1367	767.0067	138.6267	815.8985596
########	906.3133	171.14	765.4867	138.3267	817.6464233

########	903.81	222.02	765.005	131.9683	819.3503418
########	904.1133	194.92	763.1133	130.29	809.7953491
########	905.195	170.01	762.3867	157.44	809.4423828
########	904.8867	144.47	761.67	235.2867	815.2460938
########	904.4867	183.6867	758.3867	153.8033	818.8306885
########	903.2067	213.28	761.8667	133.3333	817.729126
########	902.6633	200.0283	765.3133	135.3767	814.8024292
########	904.2933	153.8833	767.2916	131.3533	816.9074097
########	903.0133	147.0767	766.8233	129.6367	818.2113647
########	902.3233	207.6067	765.7067	131.4133	818.3651123
########	900.1133	185.7	764.22	131.7633	823.5734253
########	901.1633	170.1067	763.5133	131.1117	815.9181519
########	900.0883	146.51	762.5933	131.7867	804.6313477
########	900.1133	180.8833	760.49	246.2133	794.1142578
########	900.88	182.16	758.42	163	792.9539795
########	901.5733	188.3933	760.7633	133.13	798.3183594
########	902.94	168.82	765.56	131.16	792.1201782
########	903.94	155.56	766.9	131.7	783.9093018
########	904.04	185.18	766.88	131.3	791.6268921
########	902.12	192.72	765.42	132.27	792.8465576
########	902.54	176.5	764.16	133.7	787.8413696
########	904.66	163.58	763.28	132.14	779.4856567
########	907.02	175.8	761.34	131.13	790.3582764
########	906.22	204.3	760.32	279.16	791.3575439
########	904.58	180.96	759.92	220.08	796.2510986
########	904.58	148.92	758.64	134.54	780.3299561
########	904.18	160.32	763.34	130.38	794.2781372
########	902.54	199.98	766.08	133	795.991394
########	899.62	205.98	766.24	135.16	795.3634644
########	900.66	160.1	765.34	130.07	795.3634644
########	901.46	140.54	764.24	129.26	785.5811768
########	902.16	166.84	761.98	130.12	763.4371948
########	899.78	202.72	760.78	132.06	776.4962158
########	897.27	208.58	760.08	130.6	773.0365601
########	899.3967	164.73	759.1866	237.3467	785.9898071
########	900.3686	143.8229	758.23	173.6071	787.2747192
########	901.2933	153.4933	760.0084	136.7983	785.3018799
########	898.7217	194.655	765.115	129.775	803.196106
########	895.115	209.5433	766.5233	130.185	797.7483521
########	895.8633	172.8717	766.7067	131.81	795.6062012
########	895.9683	146.6367	765.5767	130.9683	795.6062012
########	894.3533	146.7383	763.5491	130.4533	801.583252
########	894.3842	191.4583	762.2617	129.19	789.2940063
########	891.4533	207.6817	761.4725	131.3683	805.3658447
########	893.0683	167.8867	761.6309	130.7217	798.2197266
########	893.7683	152.8967	761.4533	226.2317	801.4911499
########	894.8467	154.0983	758.4767	156.6417	802.1613159

########	893.2217	204.7383	761.8083	142.5033	800.5859375
########	892.0392	208.7017	766.455	131.3783	796.8150024
########	892.8317	175.7617	768.0233	131.7783	798.2890625
########	895.9467	148.755	767.2683	132.385	798.3866577
########	895.0171	154.83	766.4767	133.7317	791.0210571
########	895.4533	180.7867	765.4842	130.2683	803.9934692
########	893.2433	219.2283	764.545	129.6307	799.4758301
########	892.5739	184.8417	764.0439	133.485	789.7345581
########	894.3842	149.3183	764.2767	258.2933	793.5131226
########	894.1683	147.3933	761.015	162.4483	791.1658325
########	893.4771	203.6	762.4229	134.1414	787.5119019
########	890.6675	203.49	766.915	130.135	787.1570435
########	890.9025	177.365	768.49	132.97	785.4033813
########	891.52	148.465	768.235	129.6625	773.6422729
########	892.36	163.96	767.11	130.135	774.887146
########	891.41	199.53	765.455	130.92	854.3684082
########	886.94	209.265	764.065	133.685	771.4401855
########	884.11	152.52	762.89	130.66	802.0906982
########	887.285	143.555	762.91	179.465	797.6522827
########	886.585	162.79	762.285	212.33	796.2560425
########	884.52	195.68	760.785	142.165	789.0991211
########	886.13	205.565	765.815	138.11	790.9960327
########	881.595	167.81	769.005	131.525	870.1068115
########	885.415	147.68	770.28	130.63	781.9691162
########	886.02	151.915	770.05	134.07	790.1973877
########	885.62	185.105	768.77	130.975	789.9731445
########	883.4925	202.1975	767.72	134.135	779.833252
########	889.005	177.46	767.39	131.415	795.2063599
########	889.28	147.35	766.7575	133.285	783.9447021
########	890.625	147.75	767.145	267.615	804.2371826
########	893.3617	182.2633	764.9316	194.3933	802.7200317
########	893.4417	210.8233	764.2833	139.915	802.7200317
########	888.5925	194.3933	769.4283	135.6533	814.1074829
########	897.4333	154.4917	771.4567	128.7867	822.4042358
########	893.985	143.6283	771.3434	129.175	818.6008301
########	890.3772	186.8767	770.13	132.5117	814.6412964
########	891.49	229.6583	768.745	138.7117	869.3457031
########	891.2942	191.275	766.3134	132.8117	795.1300659
########	896.3267	156.2667	765.7867	130.2508	804.942749
########	893.6733	143.585	765.3566	146.0833	798.6591797
########	893.4117	193.3583	764.9883	223.6517	811.477478
########	900.275	235.3933	762.3533	147.65	811.477478
########	889.2133	194.5067	767.3116	134.7883	809.9258423
########	891.0134	160.5183	770.6566	134.3883	823.3030396
########	889.8367	151.8417	770.6791	132.7017	816.5311279
########	889.8883	195.0483	769.03	129.0558	752.7550659
########	888.7883	213.7667	767.73	129.0983	823.2776489

########	889.2133	190.435	765.5016	132.9883	825.1334229
########	890.1434	155.5233	763.9717	130.1017	817.2225952
########	887.2958	157.33	762.845	131.2017	817.9472656
########	889.6075	197.3117	760.8992	260.8767	823.578125
########	884.8567	203.6517	761.5566	174.7333	826.7349243
########	883.0383	191.4367	764.7684	138.7825	816.8735962
########	886.4542	183.6667	769.655	135.825	824.2305908
########	886.1533	168.6967	771.435	131.5283	823.015625
########	883.6816	186.6033	771.425	130.925	787.3410034
########	881.135	202.38	769.5483	132.2083	782.7288818
########	882.465	176.59	767.0208	130.21	789.2634277
########	883.005	154.515	766.1208	135.695	784.6877441
########	883.6733	142.1383	763.9883	130.525	793.7755127
########	882.885	195.3483	763.2416	169.9117	788.9609375
########	880.6183	212.555	762.705	233.98	791.8025513
########	881.8467	186.7383	762.5867	153.6717	792.4624634
########	881.625	146.005	766.5983	130.3383	794.3602295
########	883.0517	175.5283	770.5817	129.9033	785.0090942
########	879.9533	199.6483	771.6884	134.2567	787.0574951
########	879.88	198.1267	770.9533	138.6683	795.0702515
########	880.1083	184.13	768.335	136.6283	804.0839233
########	881.6716	151.095	767.0717	130.2183	797.5001221
########	883.4633	173.4883	766.1183	129.8061	789.3693848
########	883.1917	200.51	764.73	133.0283	795.9905396
########	882.9817	186.8933	762.7067	290.38	793.1912231
########	883.6816	161.4933	762.695	217.445	792.0837402
########	879.97	145.925	763.37	133.18	796.1834106
########	895.7417	205.615	768.905	131.3917	793.4506836
########	883.565	210.0333	771.07	134.33	787.4275513
########	890.59	185.32	773.01	130.41	783.8530884
########	883.5925	150.735	770.685	131.0125	792.4304199
########	885.37	169.735	768.41	132.935	792.4304199
########	874.18	185.985	766.25	133.335	794.218689
########	877.62	196.855	766.165	131.925	791.2667847
########	881.02	174.4	762.68	129.275	788.0106812
########	882.92	156.915	763.015	314.15	785.2857666
########	884.055	183.545	762.435	191.445	792.7758179
########	883.565	211.485	764.545	135.225	784.6700439
########	879.27	202.61	770.49	130.755	789.5016479
########	871.33	168.82	772.6025	127.91	786.9061279
########	883.565	164.41	772.12	132.845	785.8170776
########	884.495	177	771.665	132.2175	785.5198975
########	882.215	203.435	769.89	132.485	787.7793579
########	877.5675	196.055	766.985	129.43	787.416748
########	883.6151	161.555	766.5875	133.855	788.3027954
########	882.88	149.72	765.085	149.42	783.7495117
########	883.2	197.225	766.14	228.05	787.112915

########	880.79	192.855	763.095	152.45	788.1917725
########	881.45	182.755	767.625	130.7375	790.4927979
########	894.14	166.255	771.18	132.215	789.0786743
########	886.225	166.1283	771.905	129.135	791.6091919
########	875.2916	201.13	771.6216	130.9917	785.5525513
########	880.1517	194.805	769.8734	130.0783	783.2540894
########	880.065	182.0017	767.5817	132.3483	788.0836182
########	881.875	158.0317	767.3517	130.0017	789.3251343
########	869.9966	173.0933	765.4217	128.815	788.3713379
########	881.1767	198.6333	765.2383	267.475	791.4014282
########	878.0383	190.79	764.13	170.7833	783.9827271
########	876.725	192.9267	766.4916	154.5867	780.8948975
########	881.165	183.2567	771.2433	159.7733	791.583313
########	885.4817	183.7492	772.57	130.0617	788.9078369
########	879.9133	201.2267	774.1433	132.3517	778.312439
########	868.935	186.715	773.5084	135.9583	784.9312744
########	886.9167	169.3383	770.995	133.605	785.2453613
########	880.5533	162.4333	769.5084	129.4483	787.3616333
########	875.53	189.225	768.1384	131.6383	788.7026978
########	875.4767	197.7117	768.2855	302.5617	788.3416748
########	880.31	178.7883	765.965	200.0717	793.4956055
########	887.98	155.295	764.3734	134.8617	783.9970093
########	881.2767	148.1333	770.3428	130.5686	783.6689453
########	891.3716	196.7433	772.9133	134.2058	783.7034912
########	881.4717	206.035	771.955	130.7117	788.9784546
########	881.7416	182.63	771.6517	130.9783	788.2709961
########	877.5533	159.0767	770.445	130.9467	793.2149048
########	881.215	176.7167	768.0258	133.5983	781.1886597
########	884.2483	193.545	766.5725	133.075	785.8392334
########	884.1467	202.6467	766.3317	193.68	787.5933838
########	878.5933	181.2817	764.6667	197.8683	780.9850464
########	879.5233	156.865	764.41	139.1633	786.5801392
########	878.2792	170.6917	769.4317	129.5483	
########	877.7283	196.26	773.1083	128.9233	
########	878.4233	194.6783	773.0367	132.735	790.3413086
########	878.2317	179.2867	772.06	132.4683	792.7513428
########	878.6633	160.1783	770.045	132.4683	791.4237061
########	877.1022	181.3983	768.7067	129.6617	788.0082397
########	876.43	171.5683	766.9916	129.6933	781.3375854
########	875.2617	198.975	764.5233	168.6367	779.8126831
########	876.2067	176.5217	764.3784	216.6417	788.8163452
########	877.0767	158.7967	765.0192	144.58	791.5863647
########	876.7925	175.09	769.5333	130.5467	785.5637207
########	875.14	192.845	772.705	131.525	786.0910645
########	874.06	197.025	773.0367	132.075	790.3984985
########	875.26	171.825	771.42	131.125	792.1278076
########	875.42	151.735	769.585	128.46	795.0066528

########	875.4233	180.3367	767.8734	130.0767	790.9944458
########	874.2467	191.4633	765.9833	133.6033	791.2398682
########	872.7767	192.0167	765.1483	135.9067	789.9949951
########	874.3411	168.15	763.5267	279.86	793.1223755
########	874.0117	165.6933	764.1833	176.8767	794.6146851
########	874.3077	185.44	765.7767	133.47	790.387146
########	873.1733	194.5167	771.02	131.5133	786.0518799
########	873.1733	185.27	772.7167	134.3033	784.7096558
########	872.7767	173.89	773.2533	133.9333	784.7678223
########	872.35	169.82	771.2533	129.5822	789.3364868
########	871.25	191.2167	769.2867	130.1517	786.6313477
########	869.3967	195.74	767.085	135.48	789.9226074
########	869.6233	177.8667	765.3867	132.25	786.8530273
########	869.8011	161.3933	764.4533	176.4133	786.1130371
########	871.0233	172.0033	763.36	224.67	792.7501221
########	870.6866	191.44	763.1566	146.34	787.5371094
########	867.95	184.7967	769.1033	133.0567	786.5707397
########	866.84	176.7914	772.8	132.3571	783.730835
########	866.6934	165.72	773.7466	133.8933	782.1318359
########	866.6934	184.4933	772.8134	137.4867	794.9748535
########	867.0967	182.5533	770.5733	131.9067	792.6289063
########	865.5933	187.1333	768.76	130.15	790.0863037
########	867.02	169.32	766.9467	132.7133	783.2671509
########	866.5867	162.7933	763.9867	285.8867	784.7385254
########	866.91	176.1733	764.3734	191.6133	794.3452759
########	865.0067	187.5767	765.74	133.74	788.1363525
########	865.4867	195.6867	770.8933	134.5133	797.2910767
########	867.3933	165.4267	772.8834	130.8867	789.3008423
########	867.5978	171.26	773.0845	134.5933	790.6100464
########	868.7867	179.9467	771.2933	134.4067	792.7190552
########	867.6067	160.5467	769.3666	133.12	799.4332275
########	868.0134	185.7133	766.8933	131.21	803.1986084
########	867.06	178.8867	765.06	132.9733	802.0802612
########	866.8066	195.1	763.62	162.6333	802.0802612
########	866.1067	169.0933	763.3533	214.02	801.6138916
########	867.5933	170.64	764.12	137.82	807.4115601
########	867.2466	166.5267	767.9933	133.2733	801.6674805
########	866.6934	185.7467	771.84	135.14	798.5158081
########	867.02	190.7	772.4467	129.7067	796.6689453
########	864.0689	182.5933	771.62	130.7	792.7228394
########	865.66	162.68	769.34	132.38	794.4564209
########	865.88	158.56	767.205	136.75	797.1925659
########	867.445	175.98	765.03	131.1233	792.24823
########	865.93	195.57	764.175	132.9	793.4642944
########	864.92	187.18	763.37	244.17	794.3155518
########	865.66	173.56	763.355	160.78	798.854187
########	866.47	162.28	767.43	132.79	796.9472046

########	865.995	168.78	771.9133	130.35	796.1605225
########	864.1866	192.88	773.2034	131.8483	792.4367676
########	863.98	178.86	771.72	133.26	795.9917603
########	864.21	160.88	770.06	131.76	798.0794067
########	865.26	153.29	768.31	130.38	801.0188599
########	864.1867	185.34	765.51	135.31	794.2070923
########	864.08	191.73	764.38	130.14	795.7531738
########	863.155	183.04	763.82	291.51	797.7147217
########	863.53	157.65	763.0699	172.11	801.0346069
########	863.57	169.95	765.97	142.59	795.6612549
########	864.16	188.94	770.33	131.37	783.4856567
########	860.75	192.86	772.12	133.105	851.4018555
########	858.38	181.05	771.58	132.5267	829.3651733
########	858.85	156.88	769.99	132.75	752.6122437
########	860.335	160.03	768.08	129.78	819.9981689
########	859.16	177.8943	766.33	130.2492	819.1411743
########	857.1067	190.42	765.08	134.29	749.0917969
########	857.9467	176.0467	764.66	244.5333	820.8225708
########	858.6911	157.1733	765.02	198.22	815.6825562
########	859.7733	168.82	764.8867	132.3933	809.4981689
########	860.4533	186.58	769.3334	135.7033	813.7688599
########	858.6533	189.1467	771.6934	133.625	754.072998
########	859.3267	173.02	772.0533	130.18	814.015625
########	857.2733	178.3067	770.6133	132.36	780.2092285
########	856.8734	169.04	768.8066	135.7733	810.9056396
########	857.6752	159.66	766.8267	144.08	804.4746704
########	858.6733	174.42	764.7867	137.3733	800.1196899
########	856.5233	210.04	764.4467	145.08	812.7120972
########	856.2667	187.5133	764.96	212.58	814.032959
########	856.4067	156.12	763.6266	147.0867	809.5075684
########	857.9267	164.6533	768.7	135.5867	806.145874
########	857.1334	163.6867	772.0667	133.6133	794.6390991
########	855.11	194.2267	771.9133	135.0467	803.3239746
########	857.5533	175.7867	771.0467	133.02	794.7649536
########	860.48	160.5933	769.2133	138.5333	799.706604
########	861.9533	150.3467	767.2333	134.1467	799.706604
########	861.7184	162.23	765.8067	137.4492	795.7489624
########	860.8734	207.52	764.6166	135.6	803.4135132
########	858.42	200.9767	764.6933	281.6367	805.9882813
########	859.6367	152.0833	763.44	163.3567	800.4094849
########	860.0134	145.4433	764.9366	137.4367	795.1775513
########	859.8933	182.6133	770.36	135.9633	792.1880493
########	856.97	210.2467	772.1933	137.2067	798.9042969
########	855.4933	190.6967	772.1467	138.2567	789.3184814
########	856.97	165.4733	770.36	134.9133	797.2389526
########	857.9067	140.27	767.305	130.07	794.1837158
########	856.2545	176.2167	766.33	133.9533	792.5319214

########	855.2367	194.2133	764.6933	136.95	786.1320801
########	854.3467	189.8367	764.65	169.9633	790.501709
########	856.2433	159.69	763.8633	228.1333	791.7533569
########	856.6434	156.19	762.6467	144.36	789.4061279
########	856.3633	182.9367	768.0734	139.78	784.5645142
########	852.5817	196.4367	771.3666	141.16	792.8092651
########	852.5933	175.86	771.4467	136.0333	797.3071899
########	853.165	154.6133	770.535	135.5433	801.6937866
########	852.9216	161.4033	768.8467	136.83	809.3549805
########	852.3857	189.0286	767.1028	143.8457	816.5115356
########	851.2367	191.38	765.3933	139.5117	827.6054077
########	851.16	179.62	765.06	139.34	765.5809326
########	852.92	159.14	764.88	281.02	761.206543
########	853.11	167.4	764.36	169.46	773.2338257
########	852.58	185.28	766.68	142.84	772.8356323
########	851.16	192.46	771.12	140.22	784.9812012
########	851.48	177.26	773.16	141.82	785.473999
########	852.34	154.68	771.84	136.04	785.9699097
########	852.78	170.14	770.14	139.84	783.4490967
########	851.02	183.52	767.02	137.86	780.796814
########	849.44	193.9	765.08	141.54	785.257019
########	849.84	165.14	762.56	134.14	789.8291016
########	850.56	158.6	760.82	264.76	791.427002
########	852.01	166.82	762	160.32	794.5031128
########	849.97	186.66	766.12	136.54	790.7121582
########	849.72	189.42	771.24	135.52	787.9089355
########	849.52	169.94	772.88	136.38	788.7334595
########	849.78	155.12	772.05	141.12	791.822937
########	850.72	163.86	769.58	132.08	798.0963745
########	848.9867	193.06	766.56	138.26	799.8062744
########	848.0958	185.92	765.0833	142.4267	802.8171387
########	848.67	176.6867	762.9483	155.0467	804.3989868
########	849.5422	150.2467	761.0833	293.1534	801.0330811
########	849.2578	173.99	762.0366	195.4167	799.074585
########	849.2533	186.6333	764.7733	143.2767	796.2844849
########	847.1517	187.93	769.65	139.79	794.7645264
########	847.3033	160.6367	772.67	134.8733	794.7645264
########	848.5767	149.6933	772.7433	134.8733	802.6453247
########	848.67	176.3767	770.5833	139.43	802.4981079
########	847.2267	177.3167	768.0734	136.0267	805.1013184
########	845.9756	186.5467	765.5533	140.4533	803.3115234
########	846.6967	160.9433	763.0833	138.0767	802.5739746
########	846.5233	159.0467	762.6533	219.22	795.4534912
########	847.53	174.8	761.56	213.4167	798.7937622
########	845.33	189.43	763.0433	142.6	806.1038208
########	843.9266	186.8633	769.33	143.9011	803.4519653
########	845.435	164.77	771.5678	138.0533	804.242981

########	846.8267	151.86	771.8734	142.0033	797.5999756
########	846.9067	164.9	769.77	140.9267	801.6698608
########	844.475	199.6733	768.3833	146.48	802.1918335
########	843.8134	181.67	765.5533	136.5967	802.7236938
########	844.0034	166.8933	763.56	135.56	798.2904663
########	844.25	148.9267	762.1467	150.8	805.9653931
########	845.2067	170.7867	761.04	223.6267	800.7717285
########	845.15	190.625	764.05	148.975	803.4666748
########	843.6875	192.6246	768.7197	142.6951	803.0078735
########	844.125	168.425	772.3625	143.2625	809.6674805
########	845.55	146.75	773.3	133	801.8555908
########	845.85	171.8	772.525	135.9	798.7729492
########	844.5	186.9	769.625	143.2	804.8261108
########	842.775	191.775	766.775	143.475	807.8685913
########	844.175	165.9	764.9625	137.8	800.4511108
########	844.5375	152.7	762.45	153.95	803.0757446
########	844.55	174.925	761.875	225.425	806.6931763
########	843.175	192.0875	763.775	152.225	805.9968872
########	843.6132	194.25	769.925	138.9125	804.1411133
########	843.3333	170.6333	772.8833	137.05	805.5848389
########	844.7667	151.9	773.3958	141.8167	804.1245728
########	846.175	157.5833	772.6667	135.3417	797.1049805
########	845.225	187.8917	770.1417	136.4806	802.9816284
########	843.3666	192.2583	767.35	141.7917	803.1794434
########	820.5667	171.425	765.5167	140.1667	803.5990601
########	829.0458	148.2667	764.6083	135.3083	805.1087646
########	836.0333	169.4667	762.3833	265.4667	798.4234009
########	845.2584	192.6	764.8167	161.525	804.5245361
########	797.5	203.5333	769.4417	141.8833	804.5028076
########	846.1417	185.025	774.0083	137.6667	803.6258545
########	844.7416	163.025	775.0375	139.6042	806.2816772
########	851.525	180.8417	773.8417	132.9583	810.385437
########	845.8667	187.225	772.1583	139.4208	801.8145752
########	843.6667	197.0583	769.8583	137.6333	806.6431885
########	823.9333	166.6	767.3167	134.425	799.5076904
########	841.675	163.55	765.975	137.8	799.4406738
########	831.6333	183.5833	764.5833	276.0583	809.5870361
########	834.6583	202.5583	766.9208	207.2333	809.5870361
########	843.0917	194.7667	769.675	138.6417	803.432251
########	843.5167	179.55	774.225	131.925	805.9282837
########	843.4583	159.025	776.2833	137.2083	801.7106323
########	843.275	158.8667	776.0083	140.5333	803.4432983
########	843.0583	181.75	773.8417	130.1167	798.3123169
########	843.525	195.35	771.85	132.3625	799.0968018
########	841.975	188.175	768.8625	140.85	800.9587402
########	847.15	154.025	766.825	136.925	805.4767456
########	841.9583	163.65	765.075	306.675	803.3792725

########	857.225	184.325	766.475	183.325	796.6525269
########	838.825	203.05	769.625	151.45	802.7236938
########	835.35	183.275	774.8	136.15	804.3039551
########	836.8	156.725	776.975	131.65	792.5285645
########	841.675	164.35	777.15	135.625	798.9093628
########	838.75	182.575	775.3	140.025	801.3842773
########	840.275	200.525	772.55	135.825	797.2064209
########	840.6	181.9	769.425	138.55	799.4693604
########	840.6	161.1	767.95	137.45	801.7325439
########	841.325	156.3	766.65	261.525	801.2268066
########	838.075	177.575	765.525	204.275	796.8208008
########	839.2	196.15	769.425	144.975	799.0802002
########	836.2	181.35	775.725	138.35	796.8116455
########	838.775	162	777.075	132.225	798.1884155
########	840.275	161.2	776.825	143.125	800.2914429
########	840.3	179.65	774.825	136.1	801.4844971
########	819.925	193.225	772.2	137.575	801.2857666
########	830.55	190.925	769.425	131.65	796.6149292
########	841.35	172.875	767.3125	143.95	794.5963135
########	840.525	152.65	766.45	164.2	799.2797241
########	839.575	186.525	766.275	220.55	796.9837646
########	839.9625	192.35	768.5	146.7	798.0318604
########	839.45	190.65	774.375	147.475	787.8610229
########	838.325	176.3	777.525	142.95	793.3639526
########	840.35	159.375	778.2	133.9	791.7432251
########	841.875	179.325	776.55	134.825	789.6367798
########	840.7	206.625	774.05	146.225	802.0751953
########	849.625	194.65	772	145.275	794.7902832
########	842.26	155.69	770.17	135.41	788.9813232
########	837.1333	163.9333	768.3583	145.85	799.1328125
########	839.9045	205.95	766.46	257.12	800.6531372
########	837.3917	188.3667	768.5625	166.3667	803.1884155
########	823.3833	188.35	772.825	135.9417	802.1417236
########	838.2667	175.5667	776.825	135.2083	798.0785522
########	837.3417	149.1667	778.2083	124.6833	796.8340454
########	837.0833	167.2333	776.7333	128.8917	789.3312378
########	831.2667	187.7667	774.7375	136.0625	799.7772217
########	834.7916	183.05	772.5417	131.2083	804.0889893
########	836.3694	160.975	770.5416	131.8583	797.4464111
########	840.3667	162.0917	768.7889	135.175	798.9485474
########	837.2167	173.3083	767.4083	290.025	797.5473022
########	828.2	176.7917	768.8167	184.4917	800.7374268
########	835.225	187.7333	772.0167	140.7542	797.6542358
########	836.1667	194.8583	777.225	150.9667	794.7075195
########	835.7584	188.0417	779.075	155.8083	793.1729126
########	836.8833	170.3	776.0583	134.9917	796.9664307
########	837.5083	175.7917	773.1	133.5083	797.2333984

########	837.3917	197.375	772.825	144.4	797.253479
########	842.4584	194.4917	769.8667	136.1917	797.7525024
########	837.975	168.175	767.9583	136.8333	791.1043091
########	845.9	160.3583	767.4917	251.7833	796.4324341
########	835.925	176.7667	769.5917	189.65	794.2849731
########	836.8083	190.1583	770.425	141.0583	794.9118042
########	844.9667	191.8917	775.8917	139.9	794.0128174
########	841.1167	174.9833	778.0416	135.575	792.1362915
########	836.1167	156.275	778.4667	134.1083	801.2207642
########	835.7083	170.4333	775.775	132.5333	796.3422241
########	835.775	180.0917	772.6167	136.2278	792.1400757
########	838.6917	192.7083	770.5917	141.2667	792.4914551
########	836	177.55	769.0833	132.6667	796.1782837
########	833.4667	162.775	768.6833	164.3917	788.1936646
########	839.0083	169.4083	767.8417	231.1583	789.6882324
########	828.3333	175.6167	768.9333	149.125	790.9299316
########	837.0417	186.975	776.4083	133.0667	800.6516113
########	836.2333	176.7917	778.8417	137.4833	792.7283325
########	836.6917	168.3833	777.925	140.95	793.4069824
########	831.625	172.1583	776.0417	137.1	796.1860352
########	835.8333	181.825	772.7083	140.5333	790.0310669
########	835.5125	193.1167	771.2333	139.9833	790.0820923
########	837.6833	188.9875	768.75	148.75	793.4771118
########	836.0583	160.425	767.2583	139.3917	792.3948975
########	832.2208	168.7167	765.5417	268.125	789.8314819
########	828.7667	191.525	768.95	166.2	793.9136353
########	836.275	201.55	773.6583	156.3833	792.5831299
########	827.3834	201.0917	778.175	140.9083	797.5133667
########	836.2917	162.8083	779.0167	134.3583	791.9893188
########	840.3417	161.3417	778.9083	132.55	786.5625
########	842.3667	182.6417	776.5833	144.6417	791.3937378
########	834.5875	185.6333	774.5333	136.0417	797.6427002
########	830.875	185.3333	772.5583	133.8833	796.1734009
########	834.6583	203.4333	770.3972	133.8833	792.6630859
########	836.2333	171.3083	768.8417	257.8083	790.7242432
########	835.2125	184.2333	769.3833	211.1667	800.4091797
########	833.75	183.4875	771.975	136.5667	799.4232178
########	834.0917	185.7417	777.0792	135.1583	793.9537354
########	834.025	167.3167	779.1583	136.5083	793.9537354
########	837.65	167.9833	777.8333	140.9083	800.1070557
########	834.1	179.8	775.225	132.65	788.670166
########	833.65	191.675	772.775	136.275	798.0793457
########	830.55	180.15	770.575	133.9	791.5180664
########	831.775	189.925	767.95	144.175	797.9852905
########	832	155.15	765.4	153.05	789.9614868
########	832.325	178.45	765.45	228.8	794.4534302
########	831.475	185.525	769.525	141.4	790.5306396

########	830.425	195.575	775.1	144.75	794.1934814
########	831.075	179.425	777.65	153.3	792.8218384
########	832.4	171.025	777.275	149.1	796.8508301
########	833.125	170.075	776.25	133.15	794.7005615
########	831.125	187.825	774.05	135.95	793.8062744
########	829.325	192.45	770.85	135.225	792.034668
########	830.425	174.3	768.95	137.05	791.239624
########	830.725	156.5	768.025	133.1875	801.0627441
########	831.075	164.15	766.5	242.925	800.9373169
########	831.025	190.525	769.075	171.225	797.3087769
########	830.525	189.5625	773.825	136.625	799.4006958
########	830.275	177.65	777.775	135	795.4666748
########	830.225	158.5	778.0875	135.05	796.8896484
########	830.275	165.75	776.9625	136.075	797.423645
########	830.6693	184.5667	775.0143	136.0428	797.5075684
########	829.7833	192.5083	772.45	135.525	798.7529297
########	829.4667	179.825	769.4917	132.5667	796.9810181
########	830.9125	168.1583	768.7416	137.3917	796.8240356
########	830.9067	164.8	767.6533	220.5133	799.076355
########	830.9933	183.1467	768.3066	190.6933	789.9619751
########	828.7733	185.8667	770.0734	135.8467	801.2017822
########	828.7267	185.08	776.3133	141.8667	790.774231
########	828.3267	168.6533	777.8133	135.4267	789.7027588
########	829.7733	161.1467	777.1266	136.98	800.9779663
########	829.4534	173.7933	774.5133	134.7467	802.8158569
########	828.6733	189.56	771.88	142.0267	793.0366211
########	827.7	188.3333	768.74	141.2733	798.276123
########	828.3533	168.1333	766.5533	136.7533	797.5705566
########	828.6733	160.5933	764.5699	195.9333	804.9140625
########	829.6067	172.7733	764.4867	202.9333	796.3391113
########	828.6266	182.5467	767.9733	138.9733	800.6577148
########	827.2267	184.0533	774.1133	135.38	800.9127197
########	827.8578	176.3133	776.2867	141.3733	808.9458618
########	828.3267	162.8867	775.3867	140.8533	804.5282593
########	830.8533	172.8733	772.7533	143.9933	811.8379517
########	829.7633	180.1533	769.4933	138.9	815.1896362
########	828.9133	189.9267	766.98	146.5533	802.227356
########	828.74	172.98	765.12	136.16	801.8184204
########	829.17	167.05	763.97	142.94	808.1516113
########	829.06	173.8	762.36	252.75	808.1516113
########	828.45	186.51	767.14	165.03	805.3495483
########	827.28	190.07	772.51	139.31	805.3495483
########	825.76	185.7	775.72	135.7	806.9650269
########	826.21	170.28	775.98	141.08	800.7584229
########	827.53	151.35	773.71	132.09	800.9053345
########	827.11	173.53	770.84	135.73	801.0631714
########	826.045	179.92	767.59	134.11	803.4799805

########	824.81	190.81	765.45	140.45	797.913269
########	824.01	164.01	763.165	134.16	794.1983643
########	824.9567	163.925	761.39	260.62	800.524292
########	826.065	170.59	765.79	173.42	799.5143433
########	824.3275	185.09	770.95	139.43	792.258667
########	824.32	180.64	775.36	136.58	794.8380737
########	824.48	171.67	775.33	137.57	801.0022583
########	824.66	167.37	772.57	142.88	798.3596191
########	824.21	176.8367	769.68	151.67	801.0012207
########	823.615	193.835	767.03	157.02	801.9766235
########	822.5862	185.6733	763.94	138.9867	803.3077393
########	822.2067	175.26	762.64	138.6933	805.6836548
########	823.0133	159.8933	761.7534	277.9	798.9504395
########	823.4827	169.5	764.8734	181.02	801.921875
########	822.9467	172.84	770.1733	141.74	799.5180054
########	821.1067	188.68	774.3134	138	804.4056396
########	822.3533	173.06	775.44	134.8467	803.4016113
########	822.2867	164.9867	773.7866	138.9133	798.0907593
########	823.68	168.9533	770.7933	146.1067	795.3401489
########	823.0133	171.5133	767.46	135.18	793.9430542
########	822.2067	190.62	765.3167	139.72	802.9447632
########	820.7067	182.08	763.2067	136.9	804.2644043
########	820.52	164.5467	761.98	186.6533	801.9683228
########	821.3267	157.1733	762.4333	205.2533	801.131897
########	820.9233	175.3333	766.84	146.2533	802.6907959
########	819.9355	188.2933	773.2134	146.18	799.5947876
########	819.7133	192.0133	774.7534	144.16	802.5108643
########	819.2622	163.5933	773.8134	133.0867	802.6605835
########	820.1934	161.2867	771.1067	133.6733	802.0421143
########	820.8933	173.1267	767.9533	141.0067	797.5966187
########	820.0433	181.7567	765.36	140.6767	801.9243774
########	819.6733	186.8767	762.995	141.8433	802.0544434
########	819.6631	172.2867	762.0693	152.7	803.3168335
########	820.1266	165.3933	761.4077	234.3857	802.6427612
########	819.9533	164.7333	766.6266	150.2833	800.7769775
########	819.4233	183.55	771.4833	139.75	803.9490356
########	818.335	176.88	774.6133	135.8867	800.5911865
########	817.7533	171.95	774.3334	135.5767	802.0339966
########	819.8233	161.3233	772.6033	140.5733	801.6982422
########	819.3678	171.9267	768.7733	143.1033	806.4915771
########	819.1033	177.07	765.9167	137.1233	806.4915771
########	817.4133	181.6267	763.87	134.13	807.1939087
########	817.8734	169.76	761.69	138.5467	805.2255859
########	817.7933	163.1367	760.3734	246.6167	804.2366333
########	818.6016	169.42	764.7467	162.2433	801.3330078
########	817.9489	169.25	770.21	132.1117	803.4235229
########	816.8267	181.8933	773.77	137.5233	803.4883423

########	817.4733	171.9767	773.8167	145.2767	805.3023682
########	817.2383	165.0467	770.8583	135.5767	804.1929321
########	817.3967	166.39	768.0734	132.9533	804.4592896
########	816.9244	179.4933	765.13	138.7967	804.8953247
########	816.8267	180.3933	763.4733	144.5067	806.6105957
########	816.2967	170.2133	762.15	132.6767	806.0037231
########	816.76	156.7	760.98	225.62	800.9977417
########	816.84	166.28	762.46	195	804.43573
########	816.52	181.8	767.9	147.16	808.8840942
########	815.696	176.08	772.92	134.94	808.31073
########	815.26	172.88	773.72	135.68	810.3071289
########	816.3867	161.48	771.62	138.14	810.3071289
########	816.08	167.9	769.01	137.38	813.835022
########	816.16	180.32	766.02	147.22	816.9042358
########	814.98	186.36	764.12	144.58	805.8218384
########	815.32	172.5	762.24	138.74	807.6613159
########	815.12	164.74	760.98	235.14	809.8743896
########	816.552	164.66	761.6	212.24	810.123291
########	816.3867	170.96	766.22	143.9	807.9208984
########	815.74	179.68	772.26	133.74	809.8122559
########	814.96	176.94	773.54	136.68	807.5959473
########	815.04	162.64	772.14	139.36	807.3179932
########	815.34	155.88	768.5	137.12	810.2779541
########	814.58	170.9	766.44	134.06	810.6454468
########	813.5133	181.84	764.24	135.22	822.0510864
########	813.06	180.88	762.56	141.88	811.0924072
########	813.72	158.68	760.98	162.18	806.8360596
########	814.16	159.2	760.04	229.9	804.9881592
########	814.3066	172.84	765.3333	150.9	815.680481
########	813.6067	177.34	770.95	145.56	810.8062744
########	813.0433	178.68	773.2467	133.7433	808.2269287
########	812.9467	161.2867	772.5134	132.41	804.5923462
########	813.6067	158.5267	769.1067	139.52	809.3015747
########	813.77	160.995	766.7533	142.26	804.4297485
########	814.45	179.7967	763.6533	134.75	807.7155762
########	812.67	187.4733	761.97	139.47	806.8798218
########	812.865	173.7867	761.4067	144.6433	806.8798218
########	813.1467	160.7033	759.3933	242.57	808.1403809
########	813.2233	160.3967	764.7033	153.69	809.8833618
########	813.1045	177.9267	770.2166	139.15	809.8731689
########	812.5067	182.0733	773.8767	136.0567	810.2585449
########	812.8456	171.6833	772.9133	140.95	810.2585449
########	813.6689	149.2133	770.6367	137.3433	
########	813.77	155.71	767.6434	135.7067	810.8398438
########	812.7767	182.79	764.7533	138.42	811.7376709
########	812.1533	192.48	763.0767	145.0933	813.5891113
########	812.6434	178.89	761.8367	138.9367	809.7029419

########	812.1783	154.15	759.8633	233.6967	811.4013672
########	813.08	158.16	764.7533	163.2833	811.3890991
########	813.0867	177.5933	770.86	152.2733	807.9810791
########	813.1844	185.02	773.8734	137.2	813.1547852
########	812.76	179.3733	774.9067	138.3	800.9161987
########	812.9266	158.4267	772.77	137.5533	807.3903809
########	814.3867	162.0267	769.8533	144.78	815.8007813
########	814.0267	161.66	766.9467	135.1667	811.3520508
########	813.9533	184.4867	763.2867	136.49	812.1109009
########	812.9267	187.1467	761.4733	138.1733	814.1389771
########	813.3734	170.96	759.7167	241.7733	806.9224854
########	814.7466	144.38	764.6733	154.54	811.3172607
########	813.98	169.3733	770.74	136.4533	810.7641602
########	813.8633	187	774.2867	138.58	817.9929199
########	814.3267	188.04	774.4633	141.98	813.8608398
########	814.7733	165.8733	771.62	136.3467	813.5476685
########	815.8867	154.6467	769.0133	145.8533	811.029541
########	814.82	169.52	765.7467	141.2733	809.3549194
########	814	188.1	763.98	147.2333	809.4056396
########	814.9467	186.1267	763.0267	141.2	814.8153687
########	817.6266	166.0533	760.3867	265.7067	809.3458252
########	819.1467	153.8533	765.1666	163.62	808.0966797
########	819.27	158.98	770.66	151.12	803.4709473
########	818.48	180.91	774.97	142.49	809.8451538
########	817.15	184.23	775.82	135.21	808.4811401
########	814.94	176.36	774.12	133.465	867.8299561
########	812.92	171.11	771.4301	140.57	814.019043
########	815.38	162.24	767.63	140.49	798.6625366
########	808.94	174.04	765.165	134.95	799.2324219
########	809.0433	177.36	763.6533	136.0717	810.3165283
########	806.2183	178.4133	762.5533	290.2033	821.4677124
########	801.1417	155.4567	763.395	193.3133	795.8656006
########	809.0527	161.0667	770.895	134.8283	807.475708
########	806.1284	167.9183	776.0883	136.4667	811.4296265
########	807.2283	180.065	776.5233	141.125	796.7404785
########	803.8667	182.2417	775.835	146.8317	794.4926147
########	807.8817	174.7667	771.875	136.2817	798.8556519
########	812.8184	166.2467	768.67	138.6683	801.1049194
########	815.4183	177.3417	766.6467	134.5217	788.7324219
########	818.13	197.065	764.07	140.04	790.1647339
########	820.2067	159.775	763.8533	136.8183	798.4122314
########	822.9858	166.6317	763.6183	223.025	794.6279297
########	824.7767	156.2183	769.395	149.8483	792.3478394
########	818.645	150.6367	775.9716	135.8642	792.3478394
########	826.985	172.6717	778.3016	138.59	786.8355713
########	822.4116	197.275	777.6855	141.1267	782.9057007
########	821.1133	210.9767	775.2267	135.21	786.651123

########	823.2767	183.9033	772.355	133.0983	787.0534668
########	817.3116	160.0583	769.4717	140.79	794.4855957
########	823.3317	152.89	766.37	141.915	804.4287109
########	818.6617	153.3917	765.2433	133.0133	811.4193726
########	829.065	195.94	764.8566	261.9767	813.5595703
########	816.5917	191.6467	769.0883	159.0283	824.1844482
########	814.2867	169.0467	776.7867	143.6467	810.045105
########	817.5016	147.4117	779.145	133.0133	813.6314087
########	812.6133	160.33	779.6566	131.8883	813.3776245
########	807.4517	178.4558	776.8058	139.125	813.8463135
########	816.2883	183.3567	773.4817	142.7033	817.1195679
########	808.2317	183.8433	769.1117	134.9233	818.5527954
########	815.555	141.5133	766.7133	138.7883	816.7252808
########	815.7867	163.515	764.885	141.985	816.3222046
########	814.03	179.08	763.4133	228.0733	810.9889526
########	814.0117	188.8233	770.6317	148.695	808.4107666
########	820.6816	185.6783	777.59	143.57	805.2572021
########	813.4434	168.1467	779.9733	136.7783	813.6010132
########	815.335	163.335	779.9984	135.5133	805.0946045
########	804.265	180.97	777.37	145.465	813.3212891
########	814.305	187.87	772.815	139.1425	806.4761963
########	813.52	184.57	769.565	133.285	799.6322021
########	813.615	186.29	766.485	142.935	803.7109985
########	813.685	180.815	764.895	161.665	802.8397827
########	814.51	169.705	761.905	258.195	801.9135742
########	799.4014	188.205	766.8769	172.3223	809.1434937
########	804.408	191.119	775.58	144.288	841.0249634
########	814.98	176.72	776.97	144.45	785.3277588
########	812.442	151.464	779.62	127.818	792.5939331
########	802.5629	166.7143	778.9686	133.7267	803.1671143
########	784.7667	179.2133	776.5533	136.1267	779.5057373
########	774.9067	158.9133	773.7466	131.4564	802.5984497
########	763.6866	148.16	772.3533	134.9233	792.1409912
########	759.9711	141.6922	772.43	134.8122	799.968689
########	765.2323	147.2338	770.0077	131.1631	780.3589478
########	762.2473	135.8436	766.1837	205.7564	816.6200562
########	752.7933	132.6467	769.8066	139.76	803.7017212
########	760.27	137.204	774.7422	135.3733	793.5007324
########	762.818	139.276	776.488	140.402	810.138916
########	755.968	131.756	776.7972	133.708	802.4789429
########	762.32	130.02	776.1	129.456	781.2791138
########	757.825	131.52	775.88	125.392	819.5780029
########	770.25	130.155	774.3867	132.3967	819.5780029
########	762.2867	141.96	772.7667	141.1133	848.6807251
########	764.852	135.456	770.776	135.822	808.0859375
########	770.08	130.26	768.94	127.92	808.0859375
########	766.62	135.1747	765.5933	186.1467	811.3317261

########	773.0456	138.7677	768.02	142.68	811.3317261
########	782.7489	140.0489	775.5023	133.5756	816.2403564
########	785.336	140.784	777.94	135.784	791.0292969
########	805.8533	134.4867	776.9534	134.8133	799.0480347
########	818.5467	131.7533	775.9866	132.6156	825.5217896
########	807.7436	133.3927	774.5054	130.56	774.055481
########	820.3712	138.235	774.025	131.22	772.6763916
########	826.0567	136.4683	772.4233	135.2714	781.9863892
########	831.9224	137.9753	771.245	136.07	795.4194336
########	830.3657	137.9857	769.1115	245.4143	800.1409912
########	835.2175	176.7325	769.1325	187.1125	794.1074219
########	823.895	169.515	776.65	139.4	795.5806885
########	815.1554	186.4308	779.961	143.987	800.661377
########	815.8143	164.6686	779.5714	138.8486	807.694397
########	821.265	150.255	778.315	133.335	807.8795776
########	822.65	139.122	773.57	133.512	808.4967041
########	824.635	150.06	769.0431	144.1292	805.6449585
########	827.2825	141.8925	766.8463	135.5375	806.0285034
########	827.2787	138.4312	764.0438	205.395	798.8400879
########	828.388	139.356	765.432	184.144	810.2679443
########	840.66	188.372	773.152	146.8	800.352356
########	824.0527	197.1427	779.005	139.555	798.7851563
########	833.61	159.85	779.55	131.24	800.8471069
########	824.0125	149.264	777.87	132.7211	799.6138916
########	825.5067	143.9733	774.227	137.927	793.7301636
########	831.67	150.124	770.988	143.082	804.3662109
########	820.8217	140.9558	768.0959	133.6472	796.7944946
########	828.3156	136.312	766.1937	132.3855	794.5204468
########	828.1277	142.946	766.2156	196.8	792.5200195
########	829.7137	175.22	766.5673	212.5336	792.7924805
########	830.0978	198.2744	774.126	158.79	796.0166016
########	829.7592	170.4167	779.17	143.3621	796.9197388
########	827.1443	151.2786	778.6343	133.215	798.0830688
########	828.5114	145.8221	776.1563	132.9937	794.0222778
########	830.536	143.864	773.984	139.142	794.2032471
########	831.695	130.92	767.9	135.47	794.9456177
########	825.66	137.135	766.42	136.365	795.7227173
########	840.33	133.45	763.295	130.275	794.1880493
########	844.6884	126.7683	762.9083	248.4983	801.8325195
########	839.9433	153.2367	765.2133	183.4183	795.336853
########	853.4067	202.2667	774.8917	145.7458	799.0268555
########	843.1033	187.5417	778.8917	134.4217	795.2304688
########	836.8317	169.0667	778.555	136.2433	796.1577148
########	835.7317	155.4567	776.9866	143.5933	796.4692383
########	837.1816	140.4667	772.685	135.3667	796.4692383
########	818.1083	138.0117	768.8934	132.2317	793.9477539
########	839.3217	144.805	765.7166	139.665	793.9477539

########	835.5084	145.8633	762.39	136.4683	800.0319214
########	838.0467	138.895	763.115	210.0967	795.3742676
########	837.9433	178.73	764.4984	184.5083	791.930542
########	826.0317	195.755	772.275	139.9217	797.6520996
########	832.6066	166.2817	778.7217	141.465	799.2351685
########	833.5217	151.8683	779.8766	143.7058	795.3445435
########	836.6158	142.5433	777.6467	142.635	800.937561
########	838.3739	146.3883	774.9617	141.4433	795.1738281
########	839.885	139.1717	770.0784	136.89	798.2803345
########	839.9075	137.8467	766.6467	132.8067	794.8012695
########	839.6284	141.2983	764.57	139.7783	795.0355225
########	840.8925	195.5183	763.1617	145.1983	795.8209839
########	837.685	207.8783	762.8766	226.4333	801.0089111
########	833.9125	164.07	769.0667	145.1233	797.1984253
########	836.4317	143.2317	777.545	137.3117	799.8529663
########	839.815	141.8033	779.5317	142.6667	800.6060791
########	842.4875	140.1883	778.8078	135.1317	800.1036377
########	843.5367	135.7883	775.37	130.0317	799.0355835
########	843.9783	135.7322	772.0333	131.3683	797.5845337
########	845.2217	145.9567	767.9166	139.9433	794.5390625
########	847.2683	162.7083	764.2467	135.81	794.9714355
########	843.71	222.7433	762.485	133.8567	796.1762695
########	837.45	192.9783	762.4467	228.8083	793.6541138
########	835.1683	147.16	768.0433	145.3583	797.1998291
########	840.6467	147.8883	775.6216	147.4883	800.2503052
########	844.1383	134.1033	778.715	131.8933	794.8130493
########	844.215	134.9683	776.6234	132.89	795.2786255
########	845.9433	135.1617	774.2133	132.4383	798.6959839
########	847.5125	138.255	770.605	134.4017	796.416687
########	850.0734	133.535	767.1133	132.51	803.3984375
########	850.6133	190.1533	764.0433	132.58	801.6777954
########	845.975	217.2533	762.4867	134.1633	796.324585
########	842.3734	180.0067	762.0917	237.5167	803.4240112
########	848.3383	149.1467	766.595	165.4	800.6403809
########	852.3483	144.0467	775.16	146.335	803.1334839
########	851.7966	140.9033	777.7083	143.0872	800.8085938
########	853.1495	135.02	776.9675	135.9467	786.7531128
########	852.11	130.6283	774.77	131.3383	794.2957764
########	850.7617	208.2117	771.5483	135.8867	793.522583
########	845.3483	229.6883	767.2617	136.7678	794.3668213
########	843.84	189.16	763.39	132.56	794.3117065
########	846.33	139.86	762	138.91	801.4056396
########	847.64	146.32	761.62	220	796.2792969
########	847.3	136.14	768.4	146.14	798.5911865
########	847.59	133.38	774.74	134.52	799.4464722
########	845.45	228.24	777.42	135.46	799.4464722
########	842.52	220.72	776.8	136.72	803.6311035

########	840.56	196.08	773.88	144.5	803.6311035
########	841.18	152.34	768.7	142.74	801.729187
########	840.92	133.7	765.32	131.28	798.6895142
########	841.26	133.9	762.72	133.72	797.303894
########	840.62	172.26	761.06	139.76	798.2926025
########	839.9633	205.8417	760.8033	261.6467	798.640686
########	834.9133	198.1067	763.744	175.292	803.5106201
########	834.5383	156.5533	773.4301	138.0367	795.821228
########	834.85	140.9633	777.7867	136.8167	800.350708
########	832.7367	141.6133	777.6067	140.8267	801.5131836
########	831.9383	133.5467	775.1767	130.7233	801.6427612
########	831.195	184.1633	772.4567	134.1567	799.947937
########	827.4966	202.3767	768.0699	143.8867	796.6156006
########	827.19	171.72	764.2067	137.54	804.1228027
########	825.0317	142.9533	761.6934	134.6767	804.1749268
########	826.5133	137.42	760.8967	250.64	804.8091431
########	826.3683	148.4833	762.6833	171.9867	804.6275635
########	824.2867	165.48	771.03	132.4767	800.8012695
########	822.0633	189.9767	777.0267	137.6867	790.4009399
########	820.6133	174.5533	777.83	143.56	802.6546021
########	820.305	153.88	776.6867	140.8633	797.4434204
########	820.59	136.49	773.1767	131.4267	797.9915771
########	820.2173	144.3367	769.1733	133.3467	798.0126343
########	819.5267	174.38	765.6767	142.86	795.9579468
########	817.01	181.5767	761.91	142.34	804.2154541
########	817.2817	166.79	761.4633	171.6733	801.6060791
########	816.8033	152.8533	760.775	208.55	803.6842651
########	816.2133	146.7033	769.08	150.4267	796.5640259
########	815.91	146.4133	775.63	137.2133	816.5546265
########	816.1633	160.0733	776.7067	129.9817	811.0576782
########	813.9633	176.9	776.01	130.7233	820.8595581
########	813.2253	174.9133	774.0566	135.5233	818.0931396
########	813.7233	155.03	770.7466	140.5133	822.8278198
########	814.3934	139.7633	766.7867	129.5867	816.078125
########	815.8734	137.3367	764.3934	130.01	813.7655029
########	816.19	145.29	763.1133	137.5767	809.8770142
########	815.4933	169.8367	763.0717	209.7967	809.3244629
########	813.6633	179.8833	768.6733	139.6433	808.4585571
########	812.755	172.3767	776.32	134.0367	811.0739136
########	813.8167	155.8767	778.005	138.6767	816.6029053
########	815.1066	142.0133	776.97	137.4333	815.4784546
########	816.6044	138.75	773.87	148.94	819.9813843
########	816.5173	136.4767	769.46	141.24	822.1245728
########	816.4067	177.8	765.6934	145.0367	829.2614136
########	814.5	199.3267	762.1334	135.5467	818.614624
########	812.64	197.94	761.0156	137.12	794.1038208
########	812.4933	168.84	761.0733	202.5933	794.1038208

########	814.1067	143.3167	769.1467	146.5067	805.7842407
########	815.94	134.7533	775.8533	136.5533	805.8149414
########	816.8293	133.8533	777.3067	132.4067	803.2454834
########	817.25	135.36	776.3533	138.4933	781.5021362
########	818.3845	174.54	773.8933	139.56	796.8244629
########	815.5933	202.1533	769.52	134.9933	792.4763794
########	813.8517	192.84	765.4067	133.0733	795.3729248
########	816.03	162.3333	763.5533	141.4133	787.2720947
########	817.3	141.2467	761.8467	143.54	790.036438
########	816.9733	135.5067	760.6467	213.9667	786.9467163
########	817.8712	131.9467	765.9867	151.7667	792.3173218
########	818.5156	135.8133	774.84	135.12	789.8120728
########	817.62	186.3333	777.7466	146.9067	799.8175659
########	814.3233	203.9867	777.5467	137.5933	799.1964722
########	816.3066	169.3333	775.4266	131.4533	803.0426025
########	816.4	142.1267	771.32	133.8533	811.9465332
########	817.0867	139.74	767.7	144.7067	805.7873535
########	817.3033	132.8067	763.2	132.6733	804.7346191
########	819.2067	132.5533	762.0467	131.2533	788.8970947
########	819.4067	164.84	760.64	230.1333	796.1956177
########	815.04	207.2667	766.7333	153.7133	784.8123169
########	813.1844	195.24	774.9867	136.64	794.0925293
########	812.7466	153.64	777.1733	131.1867	798.7248535
########	815.26	137.1933	776.5089	133.9	788.7647705
########	815.7	136	773.1467	138	794.6015015
########	817.0355	138.2	769.1733	143.3	787.625061
########	817.6467	148.36	764.92	137.1533	806.4331665
########	816.7466	192.3667	761.8467	140.9667	799.397522
########	812.7466	200.9933	760.3467	137.8933	783.4315186
########	812.88	168.9133	759.6467	223.3333	804.4439087
########	812.64	141.6867	766.2133	146.82	795.1677246
########	813.4733	135.6933	774.1266	137.6033	797.3897095
########	815.0267	132.1467	777.3467	133.1533	785.6896362
########	816.02	139.7629	777.1733	132.0533	769.059082
########	815.56	178.3	774.76	136.64	773.152832
########	812.81	196.37	770.92	139.9725	817.427002
########	809.72	179.58	767.74	134.05	813.0932007
########	810.98	147.19	764.32	130.97	811.8283081
########	809.66	136.69	761.9767	134.09	815.7357178
########	812.54	139.26	760.28	232.82	812.8357544
########	813.79	132.78	765.66	151.16	831.0610352
########	815.05	158.24	773.97	131.92	818.5324097
########	812.645	189.84	776.73	134.32	832.6853638
########	809.88	190.34	776.78	142.07	779.2662964
########	809.385	165.2	773.38	134.77	781.6201172
########	809.39	136.29	770.16	131.43	785.3092651
########	810.82	136.03	766.44	133.075	786.7947388

########	812.185	138.44	762.44	147.73	786.7947388
########	813.91	141.02	759.98	146.43	789.9626465
########	812.32	179.8	758.76	256.6	786.0934448
########	810.61	195.51	763.78	159.34	782.6729736
########	808.57	180.82	771.93	137.46	795.4391479
########	809.18	149.6	776.78	140.37	794.3438721
########	808.74	133.81	776.975	130.54	785.5477905
########	810.16	134.77	775.66	132.41	778.8445435
########	811.59	131.905	772.45	134.44	783.1401367
########	812.48	161.04	767.83	140.43	790.3966064
########	811.22	198.69	764.47	133.04	844.6123047
########	809.18	192.47	761.815	137.96	789.4834595
########	807.54	169.72	759.4	260.7	800.4836426
########	809.754	140.25	762.09	167.4	788.4317627
########	810.6475	133.11	771.15	136.705	774.9559326
########	811.47	132.13	775.72	133.28	781.902832
########	812.81	133.11	776.385	137.74	788.6487427
########	813.91	168.28	774.405	133.06	791.8395996
########	810.33	191.99	770.78	140.24	790.2687378
########	809.37	184.7267	767.14	138.1133	788.0236816
########	809.6733	160.18	764.1334	139.3133	802.9545898
########	810.0267	136.8533	761.58	134.6267	803.7597046
########	810.0267	137.5867	760.6933	287.5267	795.0266113
########	811.2867	135.7	763.76	162.9733	794.5809326
########	812.7867	148.0733	772.64	138.84	789.8781738
########	811.9867	198.7	776.7333	138.56	788.9786377
########	809.44	196.34	776.77	143.36	797.3503418
########	808.1733	178.62	775.1867	144.7867	797.2546997
########	809.53	149.7667	771.9133	139.94	801.1351929
########	810.1866	133.4133	767.1666	131.8733	780.5278931
########	811.2867	135.5067	764.7267	135.54	787.541626
########	813.8289	140.5267	762.7867	140.1333	790.5064087
########	813.7067	153.3733	761.5467	273.9133	803.7548218
########	812.4133	197.6733	762.5867	190.7733	810.4116821
########	809.37	201.6933	772.3467	141.7867	800.2947998
########	810.1067	169.1667	776.7933	137.4867	796.6089478
########	817.7	142.4733	777.9467	142.4667	806.9112549
########	813.04	146.3667	775.1867	135.2133	796.826355
########	812.3867	139.06	771.98	134.5133	792.0496826
########	815.9733	142.44	768.44	132.76	795.15271
########	805.7333	187.5533	765.3467	141.9267	794.4627075
########	811.1467	191.1	763.0333	136.06	799.5681763
########	808.7867	178.0533	762.06	253.8333	810.2763672
########	814.4467	154.6133	763.2333	183.5733	738.4026489
########	805.9933	139.7867	771.9733	145.36	774.1912842
########	809.3433	141.0467	777.5067	137.74	796.3964233
########	811.6467	135.3133	778.2333	131.26	778.1676025

########	812.8867	167.86	776.9333	132.1733	875.6729126
########	810.9534	182.7067	773.6334	136.7867	875.6729126
########	803.0967	190.835	770.0867	144.0083	802.1730347
########	803.255	162.09	766.7516	132.8017	796.7831421
########	804.56	141.8083	764.0383	132.3667	786.1174316
########	802.4933	136.95	764.1523	246.365	802.6541138
########	808.395	151.83	765.68	197.62	813.9313965
########	808.685	145.7367	772.8817	144.3933	821.8378296
########	810.44	184.01	778.7229	139.3643	814.2699585
########	804.115	195.255	778.945	136.64	745.2360229
########	808.72	175.88	777.33	137.285	809.3208008
########	806.175	152.615	774.385	136.83	817.0964966
########	801.71	138.98	769.985	136.78	836.4233398
########	796.28	140.13	767.56	135.975	782.9733276
########	810.125	136.17	764.5533	133.495	786.9659424
########	803.28	150.195	763.895	231.96	796.7156372
########	810.47	160.86	765.29	176.98	787.9578857
########	804.655	198.58	774.565	148.88	788.7710571
########	803.855	193.435	779.3184	137.495	803.8624878
########	805.355	157.345	778.83	140.835	800.1532593
########	806.51	138.045	776.065	143.3775	777.3154907
########	806.26	138.055	773.41	138.59	781.565918
########	809.465	134.77	770.615	132.185	793.4730225
########	810.965	153.33	767.89	132.57	792.7957764
########	811.665	189.63	766.53	145.11	799.4141235
########	818.975	222.6525	766.425	171.685	782.5281372
########	801.245	185.465	766.855	198.015	804.1806641
########	800.06	145.175	774.285	136.2	804.0619507
########	802.41	142.965	779.53	140.115	793.2122803
########	808.17	121.115	780.195	139.94	741.7150879
########	808.5	130.78	778.64	128.745	789.4674683
########	809.63	177.02	775.93	131.73	797.3865356
########	808.775	200.71	771.855	140.13	799.2976074
########	804.695	203.02	768.415	149.785	807.2051392
########	815.515	165.06	765.115	135.485	804.2825928
########	806.58	140.01	763.63	256.705	807.0006714
########	806.82	144.215	765.625	171.775	808.7953491
########	810.14	142.195	773.83	141.565	808.8781738
########	810.3425	152.255	778.43	132.185	800.6611938
########	808.35	193.52	778.955	136.115	809.3607178
########	805.8716	206.4267	777.3633	140.935	809.5825195
########	806.3367	180.5	773.3308	133.4317	809.3816528
########	807.5217	146.2717	770.4333	137.85	805.473877
########	817.975	138.8433	767.2042	133.4283	807.6741333
########	809.6733	140.2333	765.9533	137.2517	804.9460449
########	819.3867	144.3467	764.0183	200.12	807.5616455
########	805.6075	181.835	765.6666	191.4083	810.1808472

########	801.5634	213.9317	774.9933	139.9008	808.8782959
########	805.6733	195.4667	779.6733	138.2417	815.8011475
########	804.2583	157.2133	780.5183	132.8667	812.4177246
########	817.08	142.1583	778.8633	131.6017	811.6224365
########	813.23	134.5683	776.135	141.755	806.3171387
########	787.795	142.1833	771.8083	141.3183	807.6889038
########	808.5183	162.4783	768.2267	131.5467	811.1831055
########	811.1183	187.03	766.5633	132.445	817.9255371
########	808.4933	189.7433	766.925	186.715	813.7561646
########	805.3633	186.865	766.1917	203.5267	810.7699585
########	803.9225	145.2933	772.3383	133.97	814.8312378
########	791.4216	140.2767	778.4467	134.77	808.8655396
########	806.4467	156.74	780.245	139.83	811.3205566
########	805.9567	167.245	779.3967	148.3417	812.2039795
########	806.7629	197.8171	775.8428	141.0172	812.0591431
########	804.9417	193.9333	771.6884	137.6367	810.4115601
########	804.9117	172.27	768.7916	136.93	811.9202881
########	798.4517	165.5817	765.4817	140.52	808.7886353
########	806.2883	141.3117	763.2975	140.945	809.9405518
########	819.25	152.1533	763.0016	206.5767	808.012146
########	817.77	154.67	772.7233	139.0383	805.0731812
########	805.2367	147.9733	780.6733	134.7483	812.1861572
########	806.6217	197.005	780.6917	138.9117	807.8304443
########	819.1033	197.6383	779.5933	140.3917	809.0985107
########	803.2717	171.185	776.6817	138.6633	812.3311157
########	813.62	143.0883	771.5475	134.9033	801.5297852
########	810.3384	146.72	768.4034	143.8317	799.0973511
########	811.8616	139.0883	765.5408	140.145	805.7774048
########	810.5192	156.9317	765.0916	132.1375	813.5586548
########	810.375	159.7517	763.6083	222.295	812.1810913
########	792.9533	214.0967	769.0183	153.0133	804.1325684
########	802.7484	191.9008	777.6116	148.2133	808.9050903
########	808.5443	157.0325	780.2983	132.23	806.8052979
########	821.4486	143.4471	780.1729	131.4271	792.1986694
########	808.285	140.095	776.105	133.005	797.4088135
########	809.73	139.975	772.205	142.41	814.0705566
########	818.355	159.46	769.93	133.005	802.3540649
########	808.96	191.16	767.73	138.73	801.5621338
########	780.695	197.71	765.73	143.0175	782.2625122
########	816.715	182.04	765.615	258.595	797.2280884
########	806.09	149.26	770.21	159.185	815.1276855
########	808.225	139.92	776.82	138.16	810.4918213
########	808.025	142.295	779.88	140.25	806.5679321
########	807.4975	182.16	779.77	141.46	813.7252808
########	807.04	166.915	776.355	146.47	812.9700317
########	807.355	203.195	772.375	145.465	819.0040283
########	808.3	172.7	768.66	140.2725	805.2426758

########	805.54	156.42	766.43	141.955	812.9675903
########	813.78	146.37	763.53	133.065	813.4942627
########	806.255	155.035	765.315	251.5375	813.7646484
########	807.355	154.215	767.43	172.255	813.7646484
########	797.7575	175.705	777.16	134.36	799.3840332
########	803.79	191.645	780.255	131.635	803.583313
########	812.505	184.13	780.215	137.865	801.892395
########	803.95	157.735	777.32	136.83	802.8826294
########	804.99	144.6	772.995	132.56	803.921936
########	806.0783	136.955	769.3292	129.6517	804.5507813
########	821.625	142.38	765.8109	138.3117	801.3365479
########	816.9467	159.0817	761.985	145.9217	793.1604614
########	808.1484	191.63	762.5367	193.52	814.7244263
########	804.4483	213.6183	763.915	185.0683	805.4603271
########	804.005	181.5417	773.5917	140.0533	802.6627808
########	804.7217	153.4167	780.01	145.8817	783.6855469
########	806.0883	138.7483	780.3583	130.7917	795.197998
########	806.5734	117.8483	778.3375	131.305	822.1420288
########	807.195	145.8067	775.28	137.7033	814.5638428
########	807.195	164.18	770.9366	150.9033	807.4840088
########	805.5366	201.6217	766.885	150.3183	793.8510132
########	803.1475	191.9433	764.4633	133.2483	801.7527466
########	801.7755	163.6717	763.6583	159.5283	780.2285156
########	801.8633	147.1483	763.1417	194.34	808.7001343
########	801.9483	144.145	771.6033	145.8633	821.8270264
########	804.215	143.2033	779.6733	134.6083	809.6546021
########	805.3783	160.4583	780.49	137.0667	795.9852905
########	803.0242	187.2817	778.3925	133.0125	787.9934082
########	801.4534	195.0217	773.6117	139.63	810.6882324
########	801.7266	174.1417	769.1483	140.0533	803.3297729
########	800.5517	149.495	766.0533	139.4175	797.3842773
########	801.2892	139.0633	763.3967	131.9317	774.1082153
########	802.145	140.0067	762.1033	142.525	801.8953247
########	804.1617	161.16	760.0967	230.4433	785.8596191
########	804.1383	176.6783	767.6333	146.8467	808.1802979
########	801.2617	188.0433	775.8367	133.0317	801.3347778
########	800.7067	178.9267	778.8033	134.8683	794.711792
########	802.155	162.7917	777.8967	145.1683	799.5601807
########	801.3933	141.07	773.4966	133.285	797.1674805
########	802.8317	137.8317	769.235	135.2083	798.9326172
########	803.1725	152.86	765.3708	138.0367	792.8659668
########	802.3383	156.325	763.145	148.7567	811.4519043
########	801.3933	180.7433	760.8742	135.7867	802.3222656
########	800.6317	179.9317	759.3066	233.2083	798.9979858
########	800.5967	172.1725	765.4633	173.8133	788.6029663
########	801.6967	152.0333	774.42	152.095	801.9003906
########	801.9311	139.9217	778.7067	139.5817	808.7128906

########	802.1138	142.8367	777.8967	134.23	804.4050903
########	802.145	167.29	775.335	138.3617	802.1206055
########	799.5692	183.5933	769.8933	138.4717	794.911438
########	799.57	177.1267	765.735	146.2083	806.1063843
########	800.5133	159.565	762.8658	140.695	806.1063843
########	801.67	142.59	760.495	152.2132	
########	801.6763	139.22	758.845	202.4973	810.8325806
########	802.195	149.51	765.695	154.965	808.003418
########	802.195	149.505	775.145	138.645	803.4004517
########	801.095	178.37	778.125	138.96	797.3358154
########	800.375	180.515	776.815	134.56	808.6141968
########	801.47	161.815	773.285	137.53	796.206665
########	801.78	143.255	768.285	134.49	808.9692993
########	802.2502	137.3667	765.1	134.9667	798.2390747
########	804.1667	137.9	762.2333	132.6333	800.6508179
########	805.2333	161.0667	761.5667	152.0667	810.0730591
########	802.4667	186.7333	760.25	216.2667	807.472229
########	801.7333	190.5	768.7667	143.8333	804.4977417
########	802.08	172.8	776.6667	137.7667	805.3764648
########	802.8333	143.5	779.3667	134.4333	797.2424927
########	804.0333	140.2333	778.2	141.9333	809.2019043
########	805.3334	136.4	773.7333	133.9667	806.9395142
########	805.4667	149.1333	769.4667	131.3	804.3134155
########	805	168.6667	765.2	131.2	795.4842529
########	802.2	194.8	762.9333	142.8667	811.3878784
########	802.2143	184.3857	760.5333	155.3667	817.6846924
########	802.4833	156.9167	758.9667	264.3667	812.6940918
########	802.3666	140.4833	762.78	173.98	810.8162231
########	805.0167	141.0917	773.2167	142.9833	809.2685547
########	805.2208	144.3833	778.0167	141.5833	799.175415
########	804.8055	154.7167	778.9333	132.1333	812.0319214
########	802.275	183.2833	776.9167	132.5	801.3101196
########	801.3334	181.1333	772.7333	136.8667	814.0338135
########	802.25	157.65	768.1	137.2333	817.0431519
########	802.9667	140.4167	764.3334	130.95	802.2683716
########	803.15	138.7667	761.6667	138.65	803.590332
########	804.7667	148.6667	760.0167	320.2333	806.4702148
########	803.4667	181.9333	763.45	180.2833	797.2578735
########	801.1666	176.5	773.55	134.8222	796.2979736
########	797.85	183.6833	778.15	138.95	791.7063599
########	798.2333	160.2167	778.3333	135.7667	778.6481323
########	798.1334	143.7167	776.85	138.1167	787.8137817
########	798.6	137.2333	773.3833	134.6333	783.0167847
########	800.95	140.9667	768.6833	140.3833	786.3673096
########	801.9333	150.4333	764.7	134.6167	772.833313
########	798.4111	195.85	762.1167	132.6167	775.2032471
########	796.1	186.6923	760.7	220.8	848.8172607

########	794.85	174.9	761.9667	184.9333	836.3099365
########	797.6	140.2	770.1	132.5	790.2914429
########	798.3	132.2	776.9	131.1	784.8806763
########	800.1	142.8	777.8	138.4	783.7183838
########	802.825	136.9	776.3	138.4	784.1325073
########	802.35	164	772.7	131.8	784.1325073
########	800.1	184.2	768.05	136.9	793.3528442
########	797.6	192.6	765.1	143.5	786.1784668
########	797.95	164	762	139.8	781.0067139
########	798.3	140.2	761.1	168	782.3873291
########	797.9	141.6333	760.4	212.4	782.3093262
########	799.4	154.5	769	159.6	787.2611084
########	801.2	143.9	776.05	146.8	782.513916
########	801.2	139.1	776.1	134.3	771.0180664
########	798.3	183.4	773.9	132.55	779.6126099
########	797.2	188.2	770.3	140.9	779.8560181
########	796.5	162.2	767	136.5	773.7617188
########	796.5	135.1	763.1	130.7	779.7093506
########	798.5	131.4	761.5	131.4	778.0241699
########	801.6	136.2	761.3	151.9	775.7597656
########	802	153	761.05	200.6	776.2963867
########	798.3667	182.7667	770.05	142.6167	779.2321167
########	797.9	187.8	775.8	138.7	783.1187134
########	801.3	163.1667	776.8167	139.2833	777.3327637
########	805.0167	137.4833	775.9583	130.3	773.4129639
########	811.25	136.1333	773.85	133.8167	777.546875
########	815.3555	135.4	769.9667	141.5167	780.7053833
########	819.3833	138.1833	766.5333	140.5333	783.7562256
########	824.8167	132.05	763.95	134.9167	776.3475952
########	827.15	166.2333	763.25	131.35	838.96698
########	822.4	218.8667	761.9833	217.3167	772.9957275
########	813.8834	204.6333	767.95	157.5167	768.612915
########	811.75	150.6833	775.1667	136.1667	831.7941895
########	809.2944	134.8167	776.7333	132.3833	787.3238525
########	809.1666	145.55	776.175	136.0667	780.6593018
########	809.0667	138.4	773.4667	140.9333	778.6067505
########	807.2167	169.2833	769.8	134.9167	780.562439
########	804.35	214.2167	766.7167	132.45	777.8624268
########	804.4417	179	764.2333	139.5333	785.9440918
########	804.3167	156.85	762.9667	145.1833	777.994812
########	805.5333	139.6833	761.85	232.7333	782.2738037
########	805.0834	132.6833	765.9667	144.6333	776.9506836
########	804.6667	159.85	774.7333	143.1333	779.364624
########	803.5143	154.7429	777.3077	136.8231	784.7061157
########	804.2333	179.9167	776.4166	140.05	785.9911499
########	805.8333	156.5667	774.7571	131.3	779.47229
########	809.9	147.7667	771.9	134.5667	774.4882813

########	815	136.2667	769.7667	131.9333	776.0764771
########	817.5778	138.2333	766.3	135.1667	818.0351563
########	821.2167	134.8555	765.8334	133	820.5325317
########	823.7	151.7	765.5	271.8	773.9564209
########	824.4333	165.9333	766.8333	164.8667	773.7120972
########	822.9667	181.3333	773.9333	137.0333	775.8277588
########	823.7667	158.7667	776.9667	138.3333	775.8277588
########	823.68	148.3667	776.1	138.8667	764.1880493
########	824.4333	131.3	774.4333	130.8333	780.2739258
########	824.7667	130.7333	770.2333	132.3	782.9300537
########	824.1667	154.6	766.6667	133.8667	779.0606079
########	822.7	189.5	764.2667	145.7	823.7616577
########	820.9667	187.2	762.2	135.4333	767.4597778
########	820.9	165.2333	761.9333	273.6333	780.4838867
########	821.1334	135.4	765.8	150.8667	779.1420288
########	822.2333	145.4667	774.6	149.1333	782.5427246
########	822.3666	132.6333	776.6334	133.9667	790.0403442
########	823.8	147.0667	776.2333	136.0333	777.5809937
########	822.4333	175.1333	774.1333	134.3667	776.3209839
########	820.8833	188.9	771.4	142.75	785.2240601
########	820.8	163.5	768	143.35	789.538208
########	821.2	144.95	765.35	140.35	790.3011475
########	821.55	130.875	764.5	132.475	791.0755615
########	820.8	138.9	763.5	247.85	781.0098877
########	820.45	151	766.8	162.55	791.0339966
########	819	170.45	774.5	145.15	785.7929688
########	818.325	171.15	777.15	133.8	790.2049561
########	818.25	154.5	776.55	134.55	795.8145142
########	817.9	136.35	773.3	131.8	795.996582
########	818.65	145.7	770.45	141.85	794.6210938
########	818.65	138	767.225	133.45	802.1452637
########	819.225	159.65	764.85	133.25	798.9160156
########	817.35	170.25	763.95	159.4	794.0348511
########	815.7	174.725	763.7	220.95	790.5201416
########	817.55	149.9	770.35	140.35	789.8359985
########	816.75	136.7	776.95	132.35	799.512085
########	817.5	131.6	777.85	129.6	805.7484741
########	816.6	157.25	776.8	136.35	808.632019
########	816.4	170.95	773.3	144.45	824.4364624
########	815.6334	170.4667	770.1334	134.8333	810.4268799
########	809.1333	160.4667	765.9667	132.1667	803.520874
########	799.5	144.3333	763.8333	132.1667	775.1538086
########	787.5667	139.1333	763.1	144.3333	789.416626
########	780	121.0667	762.4	203.7	773.5241089
########	773.1666	141.7667	769.9	133.1333	755.2871094
########	779.6	137.5	775.2	135.1667	881.085083
########	779.8667	127.8667	776.2167	129.3333	832.2481079

########	788.2667	137.7667	776.2333	134.9333	850.6293945
########	786.8	118.7	775.0333	130.6667	867.9558716
########	776.4667	129.1	774.6334	130.3333	753.2767334
########	766.9	133.9667	775.6667	132.7333	814.7935181
########	784.8666	135.9	775.1167	129.7333	821.7953491
########	800.6334	135.9	773.4667	133.1333	820.0649414
########	806.2333	127.9	771.5333	131.0333	808.5909424
########	801.8334	141.2	767.55	229.2	817.9885254
########	807.5667	135.3333	771.1	144	816.9070435
########	807.3	156.4333	778.3667	132.4	820.0161743
########	797.3333	191.2333	780.8333	138.1333	726.0615234
########	801.5	167.2	778.4333	136.8667	728.3253174
########	802.8333	154.5	775.5333	133.8667	824.6861572
########	799	157.5	772.7143	136.6572	823.586792
########	806.8834	121.2	769.7167	132.4333	814.3306885
########	809.7333	144.2667	767.1	142.0667	824.0493774
########	810.4667	142.1	767.2722	140.7167	819.5056763
########	793.8666	158.4833	767.3167	203.4667	823.9301147
########	802.6	186.65	773.7833	140.8667	810.7078857
########	805.2667	167.4	778.95	152.9667	812.1511841
########	798.4833	147.4333	779.7	138.5833	822.5584106
########	799.65	143.65	779.1583	136.2333	814.2597046
########	805.32	135.295	775.835	134.1875	818.8978271
########	807.04	143.935	772.19	139.03	816.0807495
########	808.125	146.315	769.655	139.965	824.9356079
########	815.775	139.205	767.045	133.18	824.4638672
########	810.665	165.09	767.11	180.055	823.3731689
########	822.825	199.45	765.725	195.11	779.4835205
########	817.09	160.255	772.95	145.98	789.1898804
########	808.53	149.98	779.1525	132.57	796.8013916
########	814.6554	119.2943	779.07	133.0688	796.8013916
########	819.56	135.74	777.54	133.345	802.3372803
########	826.835	150.375	774.955	140.415	802.2906494
########	818.57	134.9375	770.635	129.8375	810.4730835
########	829.205	134.965	767.275	130.27	801.5302734
########	832.6875	134.2833	763.905	131.8417	800.3376465
########	833.4367	151.8217	761.5183	258.055	808.2467651
########	838.2117	216.3167	764.79	177.3717	812.118103
########	827.25	226.6683	775.37	143.8683	817.9557495
########	817.3184	174.1017	779.5733	138.6767	822.9051514
########	818.4317	137.7967	778.9739	136.9067	822.1404419
########	823.5867	132.525	775.8116	134.7117	812.5623779
########	824.7317	131.2033	772.9966	134.3367	812.8936157
########	824.485	136.285	768.1116	139.7633	812.9540405
########	825.0183	134.2833	766.505	132.8633	819.0344849
########	826.0633	143.705	764.4117	142.025	817.1396484
########	828.0183	157.5067	762.2034	278.67	812.0432129

########	824.3733	220.2083	763.885	178.2183	814.7382202
########	816.0775	194.1883	773.3533	137.33	812.0415039
########	826.8134	159.4717	779.1817	142.3933	813.6546631
########	827.9867	146.6417	781.2966	137.9633	817.9318848
########	828.0233	118.4333	778.9092	131.425	817.5527954
########	843.8433	138.6517	775.6608	133.57	817.7989502
########	825.86	144.7467	771.2183	143.8867	816.2893066
########	835.5633	145.0333	767.9183	145.0667	807.0708008
########	830.2117	255.5333	764.2067	133.2867	804.6266479
########	832.1783	247.5217	761.7183	261.2166	810.4530029
########	828.3157	177.5771	764.5633	190.68	814.4004517
########	830.3383	146.2133	773.8983	136.28	812.6781616
########	826.0634	133.4317	778.3367	131.9683	809.2228394
########	826.7534	132.075	779.1817	135.2283	812.3106689
########	823.35	148.3067	776.4283	141.8283	806.6940308
########	832.9567	197.2967	772.8367	134.7733	812.6290283
########	820.4283	246.5283	768.67	138.9717	809.4299316
########	823.4017	173.72	765.9917	139.3625	800.5406494
########	818.1767	163.3275	763.9567	139.925	809.7560425
########	816.7283	104.3517	762.51	236.515	
########	823.1233	140.9333	763.1716	191.8483	812.8444824
########	827.4167	178.1317	773.3967	147.005	803.8634033
########	821.62	212.095	778.4984	136.255	816.2474365
########	811.745	199.9583	779.8367	141.8283	805.2145386
########	802.6417	161.5583	778.0917	137.8017	808.4957886
########	809.725	159.9117	773.64	137.2633	801.4802246
########	809.6334	132.61	770.01	133.5233	813.9390259
########	819.995	158.625	765.955	138.6567	815.6293945
########	807.155	179.495	762.7283	135.345	811.3309937
########	806.7733	189.23	761.5367	291.015	812.3751831
########	804.39	172.1433	762.5633	187.3533	816.7122192
########	800.115	157.565	770.935	151.78	815.8674316
########	804.36	148.105	777.72	137.49	811.5123901
########	799.995	156.085	778.235	133.04	808.1586914
########	798.825	173.545	777.28	131.555	805.7023315
########	803.705	176.76	773.925	142.47	789.6399536
########	795.98	165.555	769.465	141.5625	805.7735596
########	798.12	142.445	765.0725	133.025	798.8153687
########	794.145	152.315	763.24	133.95	801.1049805
########	797.61	161.06	762.095	288.065	800.8887329
########	789.24	167.7	762.54	195.555	795.8147583
########	792.205	161.57	772.5	134.44	795.661438
########	785.23	167.875	778.045	138.415	794.315918
########	795.505	153.11	779.205	134.665	800.37677
########	794.545	154.785	777.46	142.47	792.6975708
########	790.34	143.6	773.2425	130.82	797.5616455
########	773.91	168.415	769.585	135.855	792.0856934

########	788.415	163.325	766.275	134.56	791.9190063
########	788.232	170.42	764.054	147.152	
########	787.2767	136.3033	762.71	184.2617	
########	788.09	150.1871	763.13	194.155	788.7736816
########	789.515	150.885	770.83	138.505	793.0887451
########	788.9329	174.89	777.86	148.825	791.4788208
########	787.9275	174.3433	779.1258	136.175	792.8097534
########	788.0617	165.5117	778.1617	133.83	789.6230469
########	788.7634	157.065	774.41	132.2725	791.3695679
########	790.43	142.3867	770.4033	133.9617	791.3695679
########	791.6866	141.8917	767.4933	133.4683	792.3248291
########	789.5834	133.6933	764.1584	130.53	787.6640015
########	790.6133	160.05	762.355	218.925	789.3527222
########	780.5634	191.8533	762.1567	189.1117	789.2598877
########	789.3683	172.135	771.0317	146.305	789.55896
########	790.5134	150.5483	777.49	136.3817	793.206665
########	791.6866	142.1717	777.4833	135.895	787.8510742
########	793.8867	133.1067	776.1617	129.0683	788.555542
########	799.3867	145.2867	772.8683	136.7317	790.5120239
########	793.4225	157.7867	768.5034	133.7033	790.2645874
########	790.9617	196.975	765.455	136.2367	787.3908081
########	788.6067	189.1533	762.8416	130.8317	789.1448364
########	788.6967	164.775	761.9517	205.9817	778.3880005
########	791.3644	145.905	763.4833	189.0467	787.9026489
########	791.5067	136.5983	771.9667	132.9133	797.0078735
########	792.5933	132.1033	777.7317	129.4067	793.1022949
########	793.8483	134.2217	778.6367	133.5217	786.1708984
########	794.0466	184.7333	776.4783	139.3017	786.1708984
########	791.7516	194.1267	772.3834	139.3767	784.2514038
########	790.4633	172.9067	768.8617	139.3017	791.1290894
########	791.5734	154.7017	764.7366	139.2817	789.6717529
########	792.195	152.5583	762.9366	142.42	792.4781494
########	792.27	136.825	761.4366	158.205	789.9881592
########	793.0392	142.2533	760.8117	207.9667	793.4894409
########	794.525	165.8517	768.9483	143.0767	792.765686
########	791.4783	189.1733	776.5217	147.4967	796.2145386
########	790.4733	186.0933	778.3245	139.9583	801.5654297
########	790.3741	158.255	778.51	136.8483	796.2645264
########	791.2217	137.8533	774.905	131.6183	791.6813354
########	792.8033	136.35	770.315	131.9467	795.5223999
########	793.7734	138.8033	766.8834	137.9483	793.8474731
########	793.6417	150.28	763.4366	140.5517	800.0183716
########	792.1783	185.5967	761.6467	170.38	805.1809082
########	789.6266	191.7217	759.785	213.58	810.5258789
########	789.975	167.0067	767.9283	145.3683	805.074646
########	790.3267	143.6067	776.095	136.825	807.2412109
########	791.4266	142.38	776.7634	137.7433	805.6304932

########	792.74	130.7525	775.295	130.6426	808.0618286
########	792.86	152.795	770.63	135.195	808.3334961
########	791.255	174.12	767.84	139.43	806.2368164
########	789.9025	181.55	764.435	138.665	809.098999
########	790.55	163.505	761.87	132.365	809.5775757
########	790.54	144.67	761.025	184.12	811.7069092
########	790.32	145.71	761.0925	200.06	809.2338867
########	790.94	132.84	769.025	137.935	809.9088745
########	791.595	153.715	776.33	132.725	810.0115356
########	790.095	174.18	777.03	136.84	809.3807983
########	787.745	189.66	775.495	143.175	809.3807983
########	787.785	166.53	770.5325	137.33	
########	788.74	145.535	767.565	138.73	813.5307007
########	789.945	133.94	763.9325	132.795	817.1584473
########	790.66	146.645	761.575	143.765	810.0965576
########	790.565	144.12	759.655	198.675	811.671936
########	787.895	178.145	759.63	205.46	810.5941772
########	787.0134	174.125	770	140.095	815.6863403
########	786.645	166.905	776.575	149.605	818.6040039
########	787.36	136.675	778.615	131.695	815.6710205
########	787.745	132.035	777.28	131.355	816.8255615
########	790.1475	145.095	774.105	134.435	811.7150879
########	790.1977	150.0383	769.2183	137.6067	816.1916504
########	787.73	173.2483	765.3066	139.0933	821.0040283
########	785.8133	172.1417	762.4034	135.0933	819.0280151
########	786.8975	157.5533	760.6033	217.845	817.9059448
########	787.2933	144.225	760.765	191.3133	811.6334839
########	787.5848	134.7667	769.3683	143.1183	824.1604614
########	788.3884	136.8567	776.67	137.9817	816.1765137
########	789.475	146.455	776.7084	135.8617	819.3188477
########	786.5016	176.1433	775.2034	136.495	819.5423584
########	784.7067	179.83	770.625	138.7342	819.4082642
########	786.1884	162.2783	766.2367	142.3083	816.421875
########	786.8951	135.1467	763.3233	132.4633	815.7544556
########	787.2867	135.045	761.265	137.5033	814.0980225
########	787.7233	144.43	759.3233	296.4567	818.6345825
########	789.5133	156.54	759.9567	206.65	815.3426514
########	787.7467	179.7967	770.0333	143.55	814.923584
########	785.8133	184.1	776.2633	144.49	815.171814
########	786.0577	164.8367	777.2133	142.4133	808.9211426
########	787.2633	139.8533	776.9833	136.32	821.4573975
########	787.2817	131.85	772.33	132.49	826.1340942
########	787.66	134.38	769.3543	137.6086	814.5622559
########	788.08	147.32	764.74	140.88	813.5029907
########	787.22	171.24	761.32	134.36	813.4428101
########	785.72	179.58	759.41	273.5	803.4784546
########	783.82	166.96	760.62	176.2	810.3334961

########	785.68	154.76	771.7	151.08	810.7419434
########	786.98	131.62	775.72	131.78	812.5445557
########	787.22	132.76	776.1	135.34	804.3811035
########	788.3651	143.36	773.38	133.71	807.772522
########	787.16	170.5	769.58	141.86	813.8540039
########	784.32	173.7	766.16	132.34	812.1763306
########	784.4	166.98	762.34	134.1	812.8394775
########	784.14	143.24	760.5	131.76	809.7827759
########	785.34	137.8	758.82	266.36	810.9873047
########	786.06	131.88	762.82	159.94	811.255249
########	786.38	145.66	772.16	134.5	807.8865967
########	785.4	177.98	776.76	136.92	807.8865967
########	783.4133	177.82	777.24	135.58	807.8865967
########	783.92	158.78	775.7	131.13	811.4894409
########	783.84	136.8	770.9	131.04	804.159729
########	783.92	132.94	766.56	131.16	808.6731567
########	786.3066	144.82	764.16	134.82	809.2089233
########	786.98	149.84	761.26	143.04	815.47229
########	785.6657	183.84	759.0523	256.74	815.1022339
########	783.1567	181.0867	761.9967	172.9867	813.6962891
########	782.8967	167.1133	771.75	141.9233	809.1581421
########	782.7017	145.81	776.3734	136.1267	810.9441528
########	783.545	139.0633	777.0583	136.75	811.6771851
########	784.9534	128.2033	775.0734	128.3533	810.8023071
########	786.71	152.37	771.13	133.3833	798.6364746
########	785.25	170.1633	767.6033	134.1867	810.5311279
########	783.1567	180.54	763.2567	140.42	811.0249634
########	782.7534	164.9533	760.9733	132.9517	810.2633667
########	783.0067	155.2333	758.9933	246.65	811.3328247
########	783.8533	139.0633	764.05	161.4333	814.1469727
########	785.5983	134.5167	772.9767	135.9833	816.1560059
########	785.3566	148.4867	776.2433	130.9967	810.1764526
########	783.8933	177.4167	776.3189	137.7033	804.588501
########	782.31	183.6867	773.73	142.1433	816.6699219
########	781.2283	162.1267	769.31	135.95	814.8076172
########	782.4967	137.67	765.4666	132.0533	818.9658813
########	783.2511	137.71	762.5933	135.3967	816.3394775
########	784.6567	137.49	760.2767	138.3667	814.432251
########	784.9533	143.98	758.5267	229.05	814.614502
########	783.8044	174.64	764.34	159.56	821.1234741
########	781.3134	189.4467	773.7267	148.5533	815.8189087
########	780.5134	172.7533	776.77	148.02	814.5844727
########	781.2133	144.7467	777.3867	136.2	816.8468628
########	782.1733	134.5133	775.9733	135.8733	810.4644165
########	783.8933	144.5267	771.8067	145.44	805.9960327
########	784.0089	146.36	767.28	135.6367	812.644043
########	783.2067	170.5467	764.2133	136.1	811.3869629

########	781.4733	179.7933	761.2734	156.6933	809.8731689
########	779.9067	178.66	759.6266	201.0467	817.6850586
########	780.8867	147.1333	766.82	143.7933	811.5517578
########	781.0734	134.56	775.18	136.1733	802.3533936
########	782.7133	135.4333	777.0467	136.3467	811.9608154
########	783.6933	133.7867	776.3133	131	808.4658813
########	783.8933	162.9667	773.18	132.76	812.494812
########	781.9867	178.04	768.7067	135.4267	811.0340576
########	779.9733	176.9467	765.14	132.9467	811.7357178
########	780.1133	150.6467	762.3066	132.7533	809.6566162
########	780.14	135.6867	760.0734	270.8733	808.8746338
########	782.5	139.2	758.9133	206.5467	812.442749
########	783.4366	133.4467	768.72	132.7867	812.442749
########	783.6733	145.9667	775.9133	134.4667	810.4731445
########	782.577	182.26	776.8558	142.6369	813.116272
########	779.72	181.66	775.54	137.99	814.9355469
########	779.96	157.95	771.51	131.355	814.2327271
########	780.195	136.91	767.72	132.78	811.0084839
########	782.115	137.52	764.11	141.86	812.2427979
########	782.83	128.815	760.96	130.63	807.6641235
########	783.215	149.84	760.27	247.92	802.5377197
########	781.87	186.82	761.08	202.94	811.7862549
########	780.53	196.21	770.93	162.91	813.4602051
########	779.145	164.06	775.38	139.05	813.4602051
########	778.99	142.02	776.84	136.08	809.7015991
########	780.44	141.51	774.58	142.12	813.9719238
########	781.31	134.925	770.93	136.08	813.7149658
########	781.485	137.89	766.11	133.3433	810.9864502
########	781.15	171.74	763.37	137.82	809.9937134
########	779.97	182.14	760.77	138.01	813.7246094
########	778.57	169.72	758.55	232.88	812.6158447
########	779.11	147.31	762.69	165.51	809.8076172
########	780.2584	135.75	772.03	139.14	814.5252075
########	782.14	134.83	776.76	138.61	810.7335205
########	782.97	144.21	776.44	136.01	813.5768433
########	782.0933	170.82	773.52	134.8467	815.8063965
########	779.8933	179.4933	769.12	132.44	813.2511597
########	778.94	174.36	765.9933	138.9	813.4799805
########	779.5067	149.66	762.72	135.8933	816.166687
########	779.3067	137.9067	760.8067	140.2533	816.0575562
########	780.5	135.9467	758.8734	232.1533	815.0759888
########	781.5067	141.78	764.2267	156.6267	815.6082153
########	781.9155	153.9867	772.22	141.54	814.2681885
########	779.2534	175.2933	775.52	133.9067	818.3174438
########	778.2511	174.1533	776.0378	136.6	815.9837036
########	779.7466	155.0467	773.5466	139.7067	812.4746094
########	780.0933	139.1533	770.0267	144.5067	813.3862305

########	781.5466	132.6067	766.36	134.13	813.3862305
########	781.8467	141.94	763.7534	136.2933	810.1981201
########	782.1133	177.42	760.6666	146.6533	810.4822388
########	780.4067	183.4467	759.76	234.5333	812.9332275
########	779.07	166.0533	766.3933	150.6867	814.1149902
########	777.8933	149	775.7467	136.5333	808.5266113
########	780.7933	139.12	776.94	139.3	808.7756348
########	802.3511	134.8467	777.52	136.6067	808.1610107
########	782.7489	142.2733	774.9333	137.2467	810.3070679
########	780.9933	176.1	771.4	140.2	808.0959473
########	789.58	187.5333	768.1143	133.56	809.1481934
########	767.6133	171.2267	765.52	134.3367	803.9494019
########	778.8867	151.9267	763.4867	186.9133	803.9494019
########	779.2383	140.71	761.8934	202.3	805.190979
########	775.0934	139.6433	770.4667	136.42	803.8088379
########	776.52	153.5667	778.6267	138.7367	801.6635742
########	780.65	182.1333	779.08	141.76	805.880249
########	777.45	183.1333	779.0867	132.1733	800.1028442
########	780.07	169.1833	774.3566	133.9267	799.5384521
########	778.0767	150.32	771.3934	139.0767	803.18927
########	774.73	137.95	766.9933	132.6333	803.2523804
########	781.0867	129.7467	764.8967	130.6633	797.4655151
########	781.11	151.97	764.02	233.7	798.8560181
########	780.6767	171.76	763.8856	189.56	800.7138062
########	771.48	172.5367	773.1633	135.39	798.1292114
########	778.4666	161.14	779.025	132.7433	798.5712891
########	778.0933	155.6433	779.6066	135.74	795.8666382
########	779.5267	148.53	778.3066	140.9867	805.7828369
########	775.7466	140.4767	774.9167	139.1233	798.1522827
########	781.11	149.37	770.6367	131.4633	798.4484863
########	778.96	189.52	767.72	138.36	799.1349487
########	776.56	188.02	765.18	138.76	798.5854492
########	789.5	167.62	763.26	292.36	796.0354614
########	777.18	147.32	765.56	181.02	803.7203369
########	795.68	131.98	773.22	133.46	797.9619141
########	779.36	137.26	779.34	139.06	796.8552246
########	780.12	136.8	779.88	137.88	791.6568604
########	778.54	170.82	779.32	137.24	797.6405029
########	782.72	184.06	776.58	133.86	795.8799438
########	776.28	172.1	770.88	142.32	793.8062744
########	777.1067	145.34	767.84	134.46	800.3703613
########	774.66	137.06	765.1	129.84	792.6361694
########	773.86	137.98	762.48	233.12	790.9397583
########	776.42	158.58	766.58	171.94	791.7310181
########	777.08	186.3	775.72	144.64	796.5290527
########	775.22	176.68	779.72	134.58	797.3626709
########	771.6284	166.515	778.6622	135.7883	793.2036743

########	775.7516	150.3533	776.2217	139.95	797.1650391
########	776.8483	142.1667	772.8033	135.7883	787.8554077
########	777.1567	135.08	769.0117	131.49	800.4663086
########	776.8383	157.7883	766.5067	134.6883	797.1679077
########	778.0425	169.4183	764.015	148.6917	795.0018921
########	775.8467	184.0683	762.6683	248.1133	796.4567871
########	775.1158	188.195	764.8567	188.5317	795.3244629
########	769.565	152.55	774.2783	150.1617	800.4819336
########	776.5467	158.1183	778.53	151.7017	800.3051147
########	773.4833	139.09	779.015	137.2183	797.6193848
########	777.8317	148.2483	778.7767	133.415	792.4284668
########	775.6917	180.93	776.0575	136.8067	793.5710449
########	783.9333	186.2667	772.445	143.9217	788.8439941
########	774.1717	179.1983	768.5983	138.1533	
########	774.675	150.21	765.87	130.8133	791.4229736
########	773.0917	145.9867	763.7767	252.1	795.6918945
########	773.9216	134.6067	766.8867	155.9317	788.6716919
########	775.845	151.1983	775.5333	140.3867	784.2789917
########	782.0667	174.55	778.6234	137.31	788.7984619
########	778.585	183.5417	777.775	137.7433	792.0626221
########	775.6216	176.275	775.975	130.6067	795.8042603
########	772.0533	155.5083	772.6917	132.3267	790.7175293
########	772.3217	139.3783	769.3608	134.5058	789.9140015
########	779.2567	137.22	766.215	133.6117	792.2819214
########	777.81	136.7867	764.5234	130.9783	789.7335815
########	777.69	153.118	763.214	229.314	789.7335815
########	776.395	185.05	767.295	161.705	785.6043091
########	774.9216	178.5477	776.9567	131.9633	793.131958
########	778.115	160.4	780.205	128.815	793.8866577
########	771.53	141.945	779.595	133.215	785.1422119
########	778.185	148.49	775.695	142.085	791.211731
########	774.415	138.22	772.1175	131.87	794.369812
########	779.945	153.11	768.465	128.17	791.6716309
########	773.975	187.25	766.035	143.515	790.2649536
########	775.38	201.33	764.105	155.765	796.8235474
########	773.785	171.99	761.975	265.43	793.100708
########	776.48	151.53	766.65	161.14	792.6228027
########	782.035	134.74	774.59	135.87	792.6228027
########	778.0175	154.79	779.195	146.015	793.7102051
########	776.685	146.015	779.58	132.515	787.8242188
########	787.535	177.185	778.54	129.45	775.1758423
########	776.575	187.36	775.695	137.615	789.5911255
########	776.85	188.295	771.4	139.775	790.7918701
########	777.69	148.905	768.21	134.385	785.3223877
########	775.38	143.265	765.975	127.07	792.7839355
########	766.885	146.69	764.785	223.92	788.4686279
########	780.0767	142.07	766.4315	171.8986	793.711792

########	771.7585	169.24	774.8785	142.2214	792.0474243
########	777.1334	186.8233	778.7457	142.3814	792.6576538
########	775.7983	190.7633	779.4583	141.5783	797.2279053
########	781.2834	162.9983	777.5684	132.6533	797.5006714
########	780.3217	131.8033	774.2767	136.6467	789.3682861
########	777.2867	143.7867	769.4683	137.2633	795.5007324
########	780.6666	122.2967	766.545	130.7333	790.0419312
########	789.4117	149.9433	764.83	130.6483	789.9832764
########	778.845	178.3883	763.2509	257.7767	791.857666
########	773.2533	190.815	765.8766	159.74	792.8274536
########	774.2133	161.14	775.3134	132.8117	791.4014893
########	757.8267	147.9433	778.9567	135.1417	787.8103027
########	777.2017	142.0883	778.215	137.41	782.8844604
########	758.7667	155.4783	775.9017	144.3217	789.7738037
########	781.1334	140.6733	772.4733	135.1517	790.6196289
########	764.7867	180.3283	768.4567	133.2694	790.6196289
########	779.1934	187.2467	763.9467	132.1367	
########	773.0634	183.8517	763.7567	140.2333	787.4224854
########	775.4617	157.005	763.315	325.5967	791.6396484
########	773.7117	146.0583	766.5533	167.4833	786.6495361
########	772.254	138.19	773.968	135.044	793.4370728
########	777.3184	148.1067	778.5233	137.0433	789.8145142
########	776.265	147.8117	778.63	132.69	789.4437256
########	773.6716	173.185	777.2233	133.8717	790.0723877
########	773.3533	177.3517	772.8483	132.8533	787.0488892
########	773.1939	158.4333	769.9483	133.5183	790.2340088
########	774.7717	147.8217	766.135	137.8567	790.9036865
########	775.8716	137.8717	763.4975	134.8433	794.0236816
########	775.2933	139.2683	761.895	256.535	785.616272
########	776.1325	149.2333	764.2567	166.37	787.1946411
########	774.0183	179.7617	774.5817	137.95	786.7303467
########	772.1356	182.6683	777.9325	133.9183	789.1330566
########	771.9467	166.4017	778.265	135.1817	791.3622437
########	772.91	138.89	776.4767	127.7067	789.0250244
########	774.0883	137.2761	773.1183	133.9358	790.2948608
########	774.6284	141.965	770.1716	135.1083	787.8452148
########	775.5844	159.7583	766.5767	133.1717	782.6473389
########	773.7067	170.3983	763.9708	132.3633	799.7460938
########	772.2533	181.6967	762.3533	349.2033	812.1355591
########	772.3233	175.2333	764.7267	180.1067	814.4590454
########	772.9825	150.9433	773.045	145.7583	813.8029785
########	772.965	138.3033	777.175	133.985	817.4910278
########	773.11	137.15	777.5533	131.2717	817.522583
########	774.175	156.625	776.015	132.825	821.4488525
########	772.965	177.04	770.855	135.55	813.4983521
########	771.34	174.835	767.215	136	825.6230469
########	770.12	164.11	764.81	132.825	822.7585449

########	772.675	151.68	763.285	134.175	824.7971191
########	773.5225	142.26	761.32	251.775	755.9786987
########	773.745	139.545	765.335	157.82	836.0393677
########	774.1475	145.43	773.12	140.035	827.2699585
########	774.48	171.505	776.995	134.52	828.2387085
########	770.875	184.045	776.175	133.945	809.0232544
########	770.785	169.32	774.535	134.81	805.2036743
########	771.275	145.465	771.235	134.25	808.5999146
########	773.38	135.21	766.81	131.61	820.692749
########	774.88	136.445	764.61	134.61	763.0734253
########	774.915	151.94	761.975	138.72	796.8486328
########	774.8051	169.88	760.21	234.695	772.0776367
########	771.94	177.505	763.8051	158.405	777.3189697
########	770.82	175.635	773.745	139.57	788.3123779
########	772.28	159.765	777.155	143.465	787.2477417
########	772.335	141.16	776.305	137.265	776.4715576
########	772.3743	138.6914	773.3615	136.4171	776.4715576
########	770.425	144.7317	769.3517	137.925	745.2181396
########	767.2258	173.7317	765.63	139.7383	778.2036133
########	765.0325	174.985	762.7083	142.5667	772.7003784
########	762.1733	169.965	760.8217	140.6767	820.0307617
########	762.6433	152.0767	759.2516	240.9567	824.2786255
########	762.3134	146.3233	762.7533	173.2167	822.6920776
########	764.1233	137.7783	772.3267	137.1383	795.1640015
########	764.0825	135.165	776.0242	133.4567	827.0325928
########	764.4484	143.4692	776.1483	131.6375	821.1196289
########	765.235	146.5217	773.5084	135.6483	802.5460205
########	763.5767	175.9317	769.9817	137.4367	798.4857178
########	761.3867	173.115	766.9083	137.7767	806.5108032
########	760.835	151.53	763.8567	131.0133	791.7112427
########	761.8483	142.805	762.33	137.0517	802.3896484
########	766.7134	138.0117	761.9783	195.2633	752.8726196
########	770.3267	143.905	762.3616	187.69	822.2526855
########	770.6517	143.0117	771.975	133.4483	766.5102539
########	769.6384	178.415	776.235	132.7417	795.2765503
########	769.1189	161.3383	776.9783	131.7133	806.1079102
########	770.4966	152.8517	774.5817	136.3483	808.4160767
########	771.4683	146.5533	771.4683	138.9467	817.9475708
########	771.5228	134.4333	767.6533	131.7067	820.9611816
########	772.3934	131.3783	764.3842	131.81	821.7419434
########	775.085	131.7783	762.6683	130.185	816.7533569
########	776.6489	158.9383	760.5533	277.4367	824.9511719
########	774.3108	195.325	763.655	167.55	758.4978638
########	770.9317	207.7367	772.31	145.02	844.0849609
########	773.81	143.575	776.3766	132.4783	774.8786011
########	777.925	151.0108	775.6917	138.935	774.0962524
########	780.5466	137.425	772.9683	136.21	778.0326538

########	780.4533	139.9433	768.9067	142.2967	777.6263428
########	777.4216	168.7417	765.0383	135.8933	784.9594727
########	776.0575	175.08	762.7533	141.3817	787.6574097
########	776.5767	182.0233	760.715	134.9683	783.4860229
########	776.115	160.4333	758.715	220.97	783.8948364
########	776.5467	154.15	764.5784	166.12	782.2525635
########	776.885	143.1917	773.4166	136.0467	787.9562988
########	777.5892	137.1767	777.0767	134.7933	783.7390137
########	778.2317	137.9058	777.0767	131.4392	779.3796387
########	777.1216	173.83	773.8375	135.6867	792.8381958
########	776.18	155.24	769.04	130.94	787.9622192
########	776.46	170	765.54	138.52	776.9009399
########	777.0034	155.8367	762.47	132.3983	788.9092407
########	778.2733	136.6233	760.4266	141.3433	791.1821289
########	779.7147	135.2533	758.57	221.1667	785.2375488
########	780.215	146.0833	766.2533	147.8367	790.0578003
########	779.7133	156.5967	774.83	137.14	794.6101074
########	776.4133	184.92	776.4244	131.4033	794.6101074
########	776.3967	188.8233	775.2267	131.7467	797.1485596
########	776.4733	161.34	771.6433	134.95	797.1485596
########	778.5933	136.8733	768.3833	132.12	802.0313721
########	778.6733	131.9733	764.4366	129.07	770.6743774
########	780.065	136.05	761.6117	131.9733	796.2421265
########	781.1767	158.5233	759.8417	178.9733	796.2642212
########	780.2233	180.05	759.4666	210.2967	790.1677856
########	776.2567	191.55	766.9666	139.01	796.0699463
########	776.4733	166.4167	775.03	131.9192	781.7116699
########	776.87	147.94	776.2567	133.8667	781.9453125
########	777.97	135.8533	774.6967	131.15	795.5838623
########	777.7033	139.4133	770.7833	131.6867	784.0897827
########	779.07	149.8333	767.0867	131.5133	789.5696411
########	777.0967	171.5533	763.5667	131.8933	805.0424194
########	775.07	184.1967	761.3267	134.17	781.3758545
########	775.07	164.2067	759.6967	238.6033	794.1259766
########	775.7983	148.2967	759.29	195.1633	805.340271
########	776.1866	132.3133	768.0333	132.9333	795.6226807
########	776.3267	137.8933	775.6533	134.5933	802.4211426
########	776.4467	153.7667	776.22	129.2733	818.0418701
########	774.06	181.7067	775.36	132.6067	811.6329346
########	772.8267	177.16	770.7466	128.98	811.0041504
########	772.9267	159.52	767.4067	134.3733	807.1759033
########	773.2133	136.9333	763.98	131.5067	806.7629395
########	775.8933	132.9333	761.1533	128.6867	815.8954468
########	775.4133	136.8667	759.1133	215.3067	802.8161621
########	774.4067	173.3533	759.9933	192.82	816.4328613
########	772.4067	183.4733	769.64	137.16	814.2088013
########	771.3066	170.6	774.1667	129.7867	813.6965942

########	771.0133	146.0267	775.5067	128.6067	788.739563
########	772.4867	134.1133	773.1467	129.4133	813.2280884
########	774.06	142.14	770.2067	135.32	809.5324707
########	774.4022	141.12	765.74	127.9867	815.6240845
########	772.7733	170.0533	762.1467	133.5667	793.3342285
########	769.9133	187.3533	760.4534	133.2733	814.1554565
########	770.6866	174.9267	758.82	275.3734	813.8847046
########	771.68	145.4067	760.5067	176.5	795.9489746
########	771.4447	135.98	768.41	133.0046	796.9955444
########	772.78	137.96	775.0533	131.4077	802.4226685
########	772.68	147.86	775.74	133.11	815.1313477
########	771.16	169.185	773.78	128.82	811.9897461
########	769.18	179.95	770.39	132.115	815.4133301
########	769.4783	169.35	766.27	131.39	812.4973145
########	769.07	144.74	762.78	134.07	809.9485474
########	770.705	135.59	760.56	131.78	815.4119263
########	771.67	134.22	758.32	277.5	802.9318237
########	771.52	156	760.02	184.87	814.2649536
########	769.67	160.69	770.23	133.48	814.2649536
########	767.94	173.28	774.37	133.82	815.4916992
########	769.0067	156.49	775.41	132.36	815.4916992
########	769.34	140.39	773.33	130.16	817.5041504
########	769.63	133.59	770.08	130.55	816.6177368
########	769.415	143.83	766.31	131.95	817.9937744
########	769.36	172.43	762.76	133.97	817.1719971
########	767.23	176.36	760.38	131.9467	818.7651367
########	768.08	171.52	758.14	286.78	818.7651367
########	768.01	162.95	761.65	176.09	819.1032104
########	769.0323	147.39	769.62	140.46	805.885437
########	769.68	134.4733	774.9533	132.5267	805.885437
########	769.9779	146.7857	774.9462	133.3257	800.3424683
########	769.6533	166.5267	772.42	138.5333	820.4017334
########	767.6823	175.7733	767.7667	131.9467	823.8223267
########	767.8533	162.1933	764.4733	129.4467	812.7418213
########	767.4267	148.64	761.1866	131.5267	815.4176025
########	769.3467	149.46	759.7933	135.7	817.3423462
########	770.0756	134.1667	757.5467	269.44	816.4178467
########	771.5733	137.82	761.4933	168.42	799.7288208
########	769.4467	160.3733	770.48	132.4178	821.6158447
########	767.5533	182.0733	775.5533	136.5267	820.4055786
########	766.4733	163.5667	776.0933	131.22	823.6710815
########	767.5533	146.8733	774.3133	132.38	823.6710815
########	769.6533	136.1733	769.5667	129.72	811.5155029
########	769.52	132.9733	766.1467	130.0733	819.0134277
########	771.5733	141.76	763.0333	130.7733	814.8321533
########	769.7267	159.1333	761.2733	131.0267	811.0440063
########	767.8767	183.8467	759.3333	273.0867	804.2250977

########	766.45	169.9733	762.2933	167.7733	811.3667603
########	768.5246	149.9	770.8985	136.02	821.2764282
########	770.1711	135.2283	776.4434	131.2367	817.3554688
########	770.0267	135.6	776.0333	129.2422	815.4532471
########	770.2133	147.36	773.6933	129.5533	807.9972534
########	769.2567	179.75	770.76	134.62	816.5026855
########	767.6866	179.5633	767.44	131.75	816.5026855
########	768.565	170.1267	763.9617	137.7667	814.6098022
########	753.6367	145.0233	762.14	132.43	818.1793213
########	776.9167	151.0567	759.3566	254.25	817.3643799
########	774.8234	149.5567	762.7266	181.0067	811.0349121
########	749.0533	155.4933	772.58	131.9189	807.4252319
########	770.3566	198.74	776.93	131.5433	809.0367432
########	768.9067	180.97	777.0156	136.2433	805.0412598
########	769.47	162.24	774.9567	132.8767	813.3972168
########	770.1934	140.8267	771.2933	129.2933	795.6628418
########	769.7267	137.37	768.11	131.0067	804.3060913
########	772.2567	148.7267	764.5634	134.3722	807.2593384
########	772.5566	152.0133	762.9833	132.4883	807.2593384
########	770.9283	167.9917	761.5467	269.4833	809.3444214
########	768.0133	183.3567	764.2367	169.9567	
########	772.3833	174.74	774.2567	135.31	808.2816772
########	768.37	139.02	777.9533	132.9933	807.5693359
########	770.85	143.11	778.3834	129.6933	812.4182739
########	771.7367	160.46	776.2867	130.4867	804.1040649
########	771.7768	157.3714	773.8233	128.64	806.5501099
########	771.7	158.66	769.4	134.92	807.3289795
########	763.02	173.38	766.76	131.52	807.4165649
########	768.14	200.16	764.68	134.14	801.5658569
########	777.6	154.22	762.74	246.18	804.1828003
########	770.48	130.08	765.84	172.44	804.1828003
########	760.7	142	774.34	132.76	808.9229126
########	772.02	156.96	778.91	134.36	800.0198364
########	770.34	178.34	779.72	131.88	791.4387207
########	768.64	181.22	776.62	131.54	797.1828003
########	767.44	171	773.68	137.28	800.2671509
########	775.82	140.84	769.2	130.44	802.6137085
########	769.66	137.56	766.52	128.34	778.8602905
########	767.84	126.06	765.34	132.22	792.3169556
########	769.24	164.9	764.36	247.06	797.8511353
########	769.58	163.9	768.8	156.7	799.848938
########	767.94	168	776.28	133.26	794.201416
########	766.52	172.5	778.82	130.54	842.4924316
########	762.6	144.3	778.03	137.06	785.94104
########	763	139.32	775.34	130.12	811.2930908
########	766.62	135.28	772.58	129.68	767.873291
########	760.32	149.24	768.3877	130.2333	774.9109497

########	764.0457	170.7686	765.9971	134.7914	803.946167
########	766.8533	176.02	763.37	131.14	795.1652222
########	767.3483	166.21	761.8033	226.5933	789.4068604
########	757.6333	149.56	768.7667	154.6133	781.279541
########	770.02	136.31	777.03	130.1533	796.5667725
########	765.0367	154.63	779.0517	128.86	809.1849365
########	769.6233	145.66	778.5333	128.525	809.1849365
########	770.075	163.3867	776.5267	129.275	802.1329956
########	767.1967	178.6467	772.3533	130.0233	867.0095825
########	763.7933	176.99	769.5566	133.35	745.7600098
########	764.47	160.44	766.3134	131.2033	839.4573975
########	769.5466	162.3	765.13	139.3433	813.0272217
########	769.635	136.2767	762.9133	226.5933	797.6466675
########	772.6867	147.7833	769.08	150.91	827.9296875
########	774.64	178.9633	777.03	140.4733	804.2525024
########	765.8566	172.8067	779.4266	132.8733	805.4019165
########	765.1166	173.97	778.3483	129.3733	816.3985596
########	759.89	154.9233	775.4933	131.8933	757.1672974
########	768.2367	130.3967	772.4733	135.0733	788.5664063
########	770.75	160.15	768	130.05	820.3911743
########	760.8237	117.4644	765.3542	129.778	820.3911743
########	778.6	159.325	765.025	139.825	804.4755859
########	767.35	181.525	764.575	215.175	809.8386841
########	764.4	194.8	770.725	141.975	810.772522
########	763.975	157.45	778.2	131.9	766.8262939
########	773.85	137.375	778.55	129.8375	799.0960083
########	768.525	144.225	778.75	130.175	802.4950562
########	768.1	146.5375	775.025	131.675	806.2371826
########	768.375	173.325	771.025	127.9917	780.6791382
########	766.3417	168.25	768.2	129.35	799.3019409
########	766.5	181.25	766.225	131.5	798.4973755
########	768.925	175.2	765.075	157.025	777.8452759
########	766.55	144.475	763.825	209.65	814.098877
########	768.7	146.775	771.675	142.3	772.4345703
########	764.525	141.45	778.15	128.925	808.7009888
########	770.65	161.55	779.85	133.8	810.8766479
########	771.2	188.375	777.8875	138.825	791.4156494
########	774.925	181.9875	775.075	133.975	800.0421753
########	769.05	165.125	770.75	133.35	806.7960205
########	766.175	165.95	767.75	135.775	815.315979
########	772.325	138.55	765.7	137.975	821.4302979
########	769.2875	141.275	765.975	178.625	741.7878418
########	770.1786	164.6929	763.45	217.225	792.3829956
########	769.0583	198.4667	771.5333	139.2833	792.7202759
########	763.65	197.2417	778.7417	139.2833	801.6854858
########	763.6959	163.3792	779.2167	130.6667	804.6231689
########	765.0583	120.8583	778.4833	129.2667	769.720459

########	768.5416	135.5833	774.5417	132.7167	826.2661133
########	765.7333	126.85	772.8917	131.8583	799.4724731
########	766.1583	162.7833	769.3583	133.4958	795.9976196
########	762.65	160.025	768.3417	130.975	854.0806274
########	762.4111	182.8833	766.1583	151.7167	782.5887451
########	772.425	172.0667	765.6083	204.1833	819.9389038
########	763.2875	132.5333	773.05	138.4917	782.9560547
########	765.85	140.6583	778.075	129.2333	777.4979858
########	765.6083	137.6917	777.6166	130.2083	787.0053711
########	763.5	144.5083	777.3583	127.825	813.7510376
########	772.7584	148.45	775.175	129.5083	807.3044434
########	765.15	190.7083	772.4333	135.375	821.9795532
########	765.2083	189.1167	768.6166	124.6833	822.4534912
########	763.0083	173.775	768.3083	130.275	810.5448608
########	762.0333	150.125	767.5167	153.6417	800.2919312
########	764.9929	136.2	766.2667	204.8833	813.4707031
########	765.3666	144.1417	772.6667	137.575	779.0926514
########	765.9459	144.175	778.4667	131.4667	816.6305542
########	765.3666	158.075	778.775	128.9	811.1118774
########	769.0333	209.8333	776.3917	131.3417	796.815918
########	765.55	201.3667	772.575	139.5583	802.1968994
########	762.525	166.8083	769.0625	132.2583	802.1968994
########	712.225	145.3333	766.8167	130.1167	793.0778809
########	771.4417	144.7833	765.0583	132.35	784.6326294
########	776.1166	141.2083	766.0333	188.6917	791.8110962
########	774.4667	147.6833	765.0972	212.025	793.3815918
########	774.625	159.475	773.2917	133.175	800.8198853
########	730.4083	191.8667	777.9667	139.5917	798.6749268
########	772.5167	202.0667	777.8417	131.25	793.4989014
########	772.2833	194.5583	774.975	131.875	804.2780762
########	773.7056	147.9583	772.1917	133.3833	804.0916138
########	772.3333	148.325	769.6875	133.875	806.0464478
########	775.5667	138.7667	767.0084	130.6417	809.664917
########	776.9875	141.8167	765.375	131.1583	810.2191162
########	777.65	155.9792	766.0167	159.8167	815.289917
########	776.975	158.1333	764.9167	205.0333	815.4200439
########	776.6917	162.2583	772.7	132.6833	801.9972534
########	776.025	177.625	777.5416	131.7667	809.0986938
########	774.4	164.175	777.5	132.15	810.373291
########	775.025	155.9	774.775	134.0875	813.5189209
########	776.025	140	771.675	129.9	806.6065674
########	777.5	136.75	767.475	129.4	810.6951904
########	776.975	145.5	764.9625	129.325	813.2362671
########	776.1875	162.95	763.4	133.8	816.8364258
########	775.075	181.425	763.25	223.55	815.9072876
########	775.425	177.125	764.85	181.225	821.6864014
########	775.025	159.1625	773.15	137.6	814.2810059

########	775.0875	137.875	778.075	129.575	805.4819946
########	776.125	142.75	776.9	132.7	821.3917847
########	776.4	143.425	774.025	129.8	813.3641968
########	776.55	172.7	770.375	132.15	796.1463623
########	775.3	181.025	766.55	129.775	820.3133545
########	773.875	187.2	763.475	136.05	818.3366089
########	774.625	164.45	762.725	133.475	824.6061401
########	774.675	146.25	762.0875	313.35	802.2981567
########	775.95	139.35	764.825	166.65	808.3410034
########	776.4375	137.475	773.025	132.1	813.3781738
########	776.4	157.175	776.6	133.45	811.0962524
########	776.075	175.55	775.9885	131.375	813.1407471
########	774.45	181.725	773.925	130.175	808.6217651
########	773.0555	170.7083	770.1833	130.0625	813.1774902
########	773.5667	149.8667	766.85	131.6333	817.6173096
########	774.0917	140	763.9708	131.6833	817.2404175
########	774.0417	137.1167	762.4333	129.5333	804.4429932
########	774.025	150.0667	762.025	271.5167	799.9727173
########	772.6223	173.8333	764.5833	164.825	819.4984741
########	771.3666	179.3583	773.8083	135.3917	818.7897949
########	770.7917	166.2917	776.45	130.5167	804.0187378
########	771.1333	145.9	775.8833	131.225	810.8812866
########	772.5889	140.0667	772.7958	131.325	810.8812866
########	772.2778	145.1625	769.8333	132.625	815.5567627
########	772.9917	145.3917	765.6667	130.1167	815.5567627
########	772.0667	169.6417	763.5833	130.9917	815.4898071
########	769.7792	188.1833	762.025	136.3083	830.515625
########	769.4875	171.1667	760.3417	258.9667	801.0384521
########	769.575	152.85	765.85	154.9083	803.5620728
########	771.3167	143.1833	773.225	132.85	805.6298218
########	772.4167	134.175	776.4417	128.3333	785.2982788
########	772.1063	151.95	775.45	131.25	808.2037354
########	769.9971	173.9	772.2	133.45	792.9987183
########	769.0778	182.9083	768.9167	133.0667	807.6290894
########	768.45	163.25	764.7417	128.7917	798.7333984
########	768.6833	144.8	762.575	130.9417	796.9888306
########	769.4625	139.95	761.275	132.0167	808.0588379
########	770.7125	143.575	759.7208	231.8	820.6593628
########	771.4444	146.0917	764.5417	156.0083	803.5043335
########	769.4875	163.1	773.5667	131.225	824.9961548
########	768.8066	181.9667	775.8583	131.8583	782.8190918
########	768.9583	168.325	775.0958	133.0833	815.0303345
########	768.7889	147.4	771.9917	130.6333	801.038147
########	769.0333	135.2542	768.5917	129.4833	802.7422485
########	769.2333	144.1417	765.2416	132.0917	799.5125732
########	769.6028	143.225	762.6333	133.425	805.0532837
########	769.1667	167.225	761.0917	133.3708	808.2092896

########	768.475	182.0583	759.9417	281.625	803.5375366
########	767.6667	176.1417	763.9583	167.8917	795.661499
########	767.9778	150.7167	772	134.8667	799.8963623
########	768.7083	142.7667	776.125	135.9333	803.7055664
########	769.0972	144.9	776.175	132.275	809.2703247
########	769.4625	142.8083	773.025	131.2542	791.059021
########	768.6104	162.12	769.63	131.92	794.7327271
########	768.25	181.15	765.825	135.625	796.3212891
########	766.3625	183.925	762.8	133.15	817.3391113
########	766.525	155.6	761.05	128.7625	817.0797119
########	767.475	140.225	759.3	238.25	801.62146
########	768.7	144.225	765.45	154.125	800.3270874
########	769.575	146.675	772.775	140.775	812.619873
########	769.35	143.05	774.975	129.5875	801.8146973
########	769.3	172.675	773.825	131.6	797.6838989
########	766.45	188.15	769.95	131.675	797.5611572
########	765.975	181.025	766.8	138.975	805.4207153
########	766.675	143.95	763.8	129.4	790.6533813
########	768.525	134.775	761.4	130.725	791.9475708
########	768.85	133.5875	760.65	142.05	798.6604004
########	769.475	154.95	759.8125	226.15	822.8783569
########	768.7	143.95	766.25	142.275	811.1984863
########	768.5125	178.025	774.05	131.7667	798.6699219
########	766.925	178.575	776.325	131.325	798.6699219
########	766.95	154.4	774.425	129.875	816.1808472
########	768.425	135.425	770.1	131.85	814.6584473
########	768.375	133.325	766.775	131.6	807.0884399
########	769.475	144.5	763.125	137.875	809.6225586
########	769.0333	161.55	761.025	131.8	793.4153442
########	768.75	170.8	760.075	138.975	813.99823
########	767.6654	178.3714	758.15	228.3429	808.711853
########	767.4417	167.7583	764.1583	159.6	819.2266235
########	767.2244	145.78	772.76	145.88	805.7486572
########	768.9533	147.78	775.5867	143.02	806.8710938
########	768.6266	135.8467	775.18	139.7067	816.4495239
########	769.4467	141	771.5133	135.3267	810.2114868
########	768.8134	176.2867	767.7867	132.34	789.7180176
########	767.34	185.02	764.18	138.12	809.1679077
########	765.6733	173.68	761.0333	139.1467	816.5559692
########	765.8867	147.0867	759.7034	137.5667	823.9431763
########	767.8734	137.8533	758.5867	221.92	808.34552
########	768.58	135.3067	765.8067	140.0267	800.0911865
########	769.0267	145.38	773.6467	145.0733	816.4868774
########	769.3067	141.86	774.9067	132.6733	804.7237549
########	767.9733	170.8667	774.0667	133.5267	810.7619019
########	767.8	175.3	771.58	137.3367	807.7830811
########	766.7734	165.8933	767.7267	144.8467	878.8562622

########	766.1933	137.1	763.92	131.7733	803.3729248
########	768.2466	131.38	761.64	131.0733	777.1415405
########	768.595	139.0467	760.1867	132.8533	796.5611572
########	768.9267	163.9	758.7133	225.88	806.8296509
########	767.27	169.27	763.43	155.82	810.862854
########	765.59	171.33	772.6	136.61	803.4810791
########	765.66	160.91	774.905	138.63	800.8786011
########	765.5933	140.06	773.83	132.68	800.9089966
########	765.27	138.92	770.58	139.58	815.5056763
########	765.92	144.27	766.3	137.01	813.9551392
########	765.7233	149.55	763.37	146.87	786.1757202
########	767.09	145.08	760.92	133.71	815.1748047
########	766.42	170.86	759.98	142.36	809.322937
########	765.27	176.98	758.16	239.83	796.5801392
########	765.23	155.53	764.76	147.65	800.9735718
########	765.006	137.77	773.16	131.42	797.5802002
########	765.0075	136.09	774.97	135.33	805.8041382
########	767.475	140.68	773.09	142.51	816.7078247
########	767.94	143.71	769.56	134.88	814.4719849
########	765.7033	164.88	766.28	132.68	798.1986694
########	764.62	177.53	762.89	134.95	801.6877441
########	763.9301	167.27	760.805	144.78	815.6810913
########	765.285	139.97	758.94	131.62	817.317688
########	765.6266	133.49	757.86	228.1	798.3478394
########	767.4138	132.6829	762.69	158.79	798.3478394
########	768.0867	162.38	771.7134	152.0067	810.2069092
########	766.8	141.2267	774.7933	131.9867	810.2069092
########	765.4067	170.4133	773.28	130.9933	792.1593018
########	764.9467	167.7	770.54	131.9067	800.711792
########	765.2067	156	766.64	140.42	808.7104492
########	766.0573	133.3067	762.9333	130	801.6921387
########	765.9933	130.22	760.98	129.4933	781.2362671
########	767.42	136.8267	759.8533	132.7133	801.1784058
########	767.4967	163.8533	758.48	231.8067	800.1109619
########	765.9933	172.9867	763.0067	162.42	812.3370972
########	765.1866	167.08	772.0467	133.52	816.9448853
########	766.04	160.5133	774.9733	137.0067	796.9005737
########	766.3933	135.1	774.5933	130.26	874.5650635
########	766.5433	140.7467	771.3867	136.2067	749.6914063
########	768.4866	139.4267	767.6067	135.5067	793.1697998
########	766.8	157.2867	764.56	145.22	776.7980957
########	766.18	168.62	761.6067	133.2267	849.6119385
########	764.7867	174.8133	760.2534	139.7267	767.4855347
########	765.0033	159.38	758.24	271.12	812.0154419
########	765.5933	138.9867	763.02	155.82	816.1314697
########	765.5933	130.8067	772.4067	131.1067	787.000061
########	766.4966	140.2717	774.8134	134.725	801.5037231

########	767.5967	155.55	775.2867	139.42	797.9553833
########	765.5383	164.57	771.9033	133.76	799.5097656
########	765.1016	175.2267	768.7467	136.9533	810.8006592
########	765.13	162.91	765.1033	136.8233	816.7109375
########	765.6422	158.05	762.59	148.27	802.2852173
########	766.4966	133.2633	760.6833	130.95	806.3997192
########	766.4033	141.5167	759.4167	264.2767	820.0758057
########	766.185	156.34	764.0533	157.46	816.875061
########	765.9266	168.6233	772.61	149.7367	817.6504517
########	764.2867	165.3417	775.2267	132.65	811.8781738
########	765.4733	159.5867	774.49	139.02	800.793396
########	765.1783	148.75	771.6167	141.9233	818.3671875
########	765.7767	145.9	767.8467	147.0233	818.1287842
########	765.9266	141.1617	765.0566	135.6533	822.7485962
########	766.9467	164.1367	762.5133	134.2233	808.6401367
########	766.0967	175.0633	761.16	143.87	806.0986938
########	765.4767	173.5033	760.45	249.6733	814.5073242
########	757.8867	149.83	763.62	180.1767	811.6126099
########	765.3967	150.96	772.5233	143.3417	809.1925659
########	772.5733	143.3233	776.355	145.38	788.5247192
########	771.44	142.9	776.82	132.24	792.0272217
########	766.38	152.84	774.92	136.46	811.2962646
########	774.34	148.04	771.38	132.69	809.1809082
########	764.16	179.76	768.12	136.38	814.2425537
########	765.26	154.48	764.72	132.98	
########	767.5	133.4	763.22	141.94	799.3016968
########	765.54	141.36	761.14	271.74	814.4108276
########	762.54	146	763.24	167	809.409729
########	768.76	153.02	771.48	132.42	798.3040161
########	765.58	172.1	776.9	133.42	789.8303223
########	772.74	188.14	777.08	138.28	807.7034302
########	764.76	160.68	774.88	134.26	805.7075806
########	765.26	138.72	771.54	130.78	788.4594727
########	764.74	134.28	768.2	133.24	798.4538574
########	756.98	154.98	765.34	142.54	809.8919067
########	770.14	140.5	762.72	133.28	806.9818115
########	769.6	175.6	762.88	267.84	806.7221069
########	766.64	185.14	763.62	180.08	819.3358154
########	761.8	171.8	773.14	156.98	797.7484741
########	764.7371	146.8943	778.04	130.94	799.0517578
########	765.74	135.8	777.68	131.64	795.4082031
########	756.77	136.43	774.8367	132.7467	793.786438
########	767.7467	151.775	770.3834	142.4933	796.9512939
########	768.16	184.7533	768.0533	141.6617	800.6577148
########	762.44	217.9933	766.2166	140.8767	799.4921265
########	760.39	180.6867	765.8533	140.3833	803.5708008
########	763.92	152.6	764.87	222.9933	799.4904175

########	765.3933	152.5167	764.9033	197.6867	797.0762939
########	766.4933	138.82	772.3433	133.46	797.0762939
########	766.3425	155.6433	779.17	136.83	781.3029175
########	762.1133	147.2083	778.51	133.0433	787.1259155
########	764.6216	176.7233	777.4933	135.6833	809.2529907
########	762.4434	182.2	773.0834	136.0467	814.8267212
########	766.4667	161.31	769.5367	141.4867	817.6785278
########	764.2534	138.4433	766.0167	132.6867	809.0490112
########	765.6067	140.5733	764.3067	137.7933	809.6274414
########	763.0067	143.8	764.3533	201.5333	817.5692139
########	761.0967	159.3533	764.9633	200.7267	814.7263184
########	759.3067	179.2067	772.7667	133.9733	820.3207397
########	762.0933	170.46	778.2783	133.2067	794.4552002
########	760.4333	162.0267	779.4933	137.2	794.4552002
########	744.34	155.4533	777.1667	136.66	805.9710083
########	758.2033	140.86	773.2367	132.6317	810.3170776
########	765.3533	143.2733	769.36	135.12	806.7543945
########	760.88	161	766.1967	138.7133	812.6858521
########	751.2067	212.3067	764.6133	138.9667	810.3706665
########	764.5733	173.7	763.01	167.34	802.6668701
########	763.8467	197.9133	763.6	213.2467	808.105957
########	769.0667	157.1733	770.3867	143.5333	807.8078613
########	764.5467	144.5	777.0067	144.4067	810.6153564
########	779.9267	124.2667	779.0867	137.8267	812.2820435
########	766.2534	141.2333	777.5867	132.5533	809.710144
########	743.7067	179.1467	775.1533	142.1533	809.710144
########	763.4733	184.78	770.9867	133.4933	805.7778931
########	756.64	170.5533	768.1133	139.8333	
########	763.5533	164.0933	765.1133	133.3933	801.0858765
########	765.6266	144.4533	765.0733	146.0067	806.2155762
########	748.8333	140.9867	764.6333	206.4533	801.3104858
########	763.6	145.2267	772.3734	148.86	803.0373535
########	763.8267	150.46	776.9933	135.26	808.2192993
########	766.0733	172.4867	778.78	136.1267	812.1011963
########	763.4	178.6	776.4733	133.7467	805.4868164
########	763.5267	160.0533	773.7133	135.8467	809.798645
########	757.6314	147.6257	770.1133	137	814.0209351
########	764.68	178.37	768.315	130.96	814.0209351
########	766.24	138.55	765.72	131.54	807.5499268
########	762.69	157.73	765.68	175.63	802.1048584
########	763.4	187.14	764.96	210.57	806.2438354
########	762.47	177.13	771.02	136.25	808.4191284
########	745.6	163.37	777.69	130.38	791.5718384
########	761.795	127.51	778.74	129.035	802.8676147
########	765.55	178.26	776.19	135.19	807.7683105
########	763.9	130.1	773.11	133.23	810.2102661
########	758.45	166.86	770.17	128.21	792.2880859

########	765.595	202.2383	766.4233	131.4467	798.1133423
########	763.935	217.4067	765.8067	139.38	801.8994141
########	762.4467	172.64	765.2183	143.8889	801.8994141
########	764.8716	156.4517	763.8533	225.185	804.4935303
########	763.8533	142.8267	771.6183	140.1767	808.7662354
########	764.1183	154.6783	778.1367	143.9025	801.1694946
########	763.7717	157.035	778.9078	130.6767	805.1464844
########	762.1116	152.4683	775.35	135.6567	805.1065674
########	767.1616	181.39	772.1783	132.595	811.2392578
########	760.2733	165.34	772.325	136.7658	807.9713745
########	767.9583	145.09	767.6284	131.2367	809.1187744
########	769.725	154.7283	766.2467	134.7617	802.5751953
########	763.675	116.215	765.8766	153.8417	806.4238281
########	767.2767	152.3883	765.1583	209.745	810.1437378
########	767.4233	182.7433	772.0433	140.875	807.953186
########	762.0059	160.87	778.86	132.415	809.3939209
########	759.1992	191.8617	780.2283	139.8633	812.8966064
########	759.5992	162.545	777.9434	137.185	813.5838013
########	760.9883	146.745	773.5059	129.115	813.281189
########	761.8016	138.5983	769.1841	130.7883	811.8324585
########	765.045	154.0083	765.34	135.185	816.0941162
########	765.1967	158.7167	763.6133	143.6217	815.3574219
########	766.54	181.59	764.2017	148.7583	819.4921875
########	763.475	183.0217	762.2584	213.5217	815.0509644
########	765.0334	169.2833	768.945	145.1983	809.6505127
########	762.425	159.7133	775.99	155.9367	809.6505127
########	762.6234	144.4017	778.1017	136.5467	813.3694458
########	770.3083	148.255	777.4567	137.4328	813.3694458
########	762.7942	155.9967	774.9533	141.7683	
########	762.1133	180.2133	771.5417	143.525	810.2420654
########	757.7133	185.9783	769.8134	135.0367	805.7141113
########	758.1733	170.835	767.3566	133.49	773.9081421
########	760.3733	161.48	766.2567	168.6133	874.7971191
########	761.3975	140.545	763.73	192.6286	809.6774902
########	761.835	143.225	770.545	142.525	869.954834
########	762.015	165.745	776.405	137.505	808.362915
########	758.895	165.65	776.9725	141.23	877.8164063
########	758.4963	175.565	774.885	134.245	787.8706665
########	757.435	167.505	771.515	134.905	804.2953491
########	759.32	149.95	767.335	137.01	776.5544434
########	759.705	139.265	765.095	134.48	776.5544434
########	760.0425	137.82	763.865	128.9675	806.6119995
########	760.16	147.075	762.7125	270.2	783.2639771
########	759.06	176.375	765.68	169.13	720.6223755
########	757.795	185.905	772.995	143.21	784.237915
########	756.295	170.05	776.72	131.375	738.9459229
########	756.805	150.445	774.41	131.415	732.6751709

########	757.82	143.515	771.15	134.9075	846.9283447
########	759.635	134.315	766.65	133.175	821.4661255
########	760.0425	142.91	764.09	130.88	792.0699463
########	759.375	159.34	761.72	133.53	811.7850342
########	757.7933	171.85	761.79	152.355	778.4884033
########	757.325	178.01	759.415	224.95	714.1784058
########	756.5975	154.075	767.605	141.135	886.0857544
########	756.9216	138.3175	774.9575	132.9933	808.6852417
########	758.6425	133.1683	775.9028	133.0033	797.1141357
########	758.9467	148.6733	775.3317	133.1467	817.2134399
########	758.515	173.56	772.0317	142.975	830.7012329
########	757.4439	178.8667	768.7233	148.075	794.5046997
########	754.9783	176.28	766.7783	131.4817	742.0571899
########	755.2659	165.1817	763.4317	133.19	812.8212891
########	755.7067	151.8167	762.2467	147.1517	824.9147949
########	757.7533	150.0383	759.4233	224.725	788.8226318
########	758.2683	131.265	766.3433	135.3667	783.1573486
########	759.7683	152.4567	773.5917	135.9533	781.6537476
########	759.2633	174.2267	775.3533	137.075	814.1650391
########	757.7317	183.5433	773.9083	142.235	781.621582
########	757.7906	165.685	770.1783	137.1783	796.5996704
########	757.485	146.7267	766.7233	136.4567	832.3201904
########	758.585	139.3267	763.555	139.255	761.1964111
########	760.375	133.835	761.2233	139.5917	782.1394653
########	761.3934	137.4867	760.0467	190.2617	801.1845093
########	759.9317	160.2717	760.2217	190.7367	822.4815063
########	757.8658	182.165	768.4667	152.9683	787.6013794
########	757.7842	177.8983	775.1317	141.8033	790.0691528
########	757.5425	152.3817	775.8317	134.525	790.0691528
########	757.8766	136.6217	773.055	134.875	799.1591187
########	758.635	140.8117	768.9567	138.6233	809.0467529
########	757.7044	147.7367	766.4483	139.41	846.8532104
########	757.9133	140.8383	763.4525	132.7433	808.2338257
########	755.165	167.5583	762.1733	136.515	797.2115479
########	754.3578	173.3633	760.5875	298.1266	775.8869019
########	754.8517	167.6425	763.7817	173.88	861.7775879
########	756.7383	150.8817	772.7383	143.42	810.8817139
########	757.7161	138.385	775.0217	140.5083	787.8653564
########	758.2383	131.7133	774.1433	129.2867	774.5880737
########	759.735	142.1733	771.47	132.19	783.9662476
########	761.3867	166.91	768.0525	142.9192	785.2122803
########	757.9133	185.365	765.0183	148.9133	784.6306763
########	757.1742	176.3333	761.8091	132.9308	785.4918213
########	756.0383	151.985	761.8567	134.0258	778.8699341
########	756.5867	142.735	761.4828	254.0067	772.3328247
########	757.6433	142.395	764.8067	164.9167	781.3083496
########	757.8713	132.0267	772.2516	133.1983	797.4509888

########	757.6713	168.6067	774.23	130.5383	785.7785034
########	756.7154	161.6433	774.2617	130.235	858.7824707
########	755.6483	176.5017	771.3616	136.19	781.1156006
########	755.1787	159.4	767.485	132.8725	779.6907349
########	755.205	134.955	765.465	132.77	793.2392578
########	757.09	132.1562	763.12	128.59	784.4693604
########	757.3175	131.365	763.3116	129.1883	789.5060425
########	758.6592	139.87	764.0025	199.1133	791.9333496
########	758.4817	168.48	763.395	173.7883	788.7873535
########	754.7817	183.73	771.3783	135.2283	793.5040283
########	754.4489	172.1317	774.5233	130.7467	804.0874023
########	755.0533	150.925	774.1933	136.0717	792.1654663
########	756.0233	133.0633	771.74	130.5217	800.5783081
########	757.5825	132.9467	769.5467	131.625	799.0413818
########	757.9183	154.0833	766.8817	136.3367	792.3563232
########	756.8141	149.1283	764.6428	138.015	794.880188
########	754.7466	184.5933	764.7533	144.0367	792.9683228
########	751.1284	173.3367	764.8583	158.5417	788.4102173
########	749.1183	154.8383	762.8583	218.865	780.3466187
########	747.2567	147.5733	767.995	145.98	774.7628784
########	745.1141	131.3567	773.9716	130.4283	779.8491821
########	745.635	141.8283	773.9559	132.3717	780.5690308
########	746.2905	132.8533	772.735	131.005	777.6740112
########	746.6572	134.89	769.7467	131.365	782.7286377
########	743.4817	145.4167	766.5517	133.0283	786.7200928
########	742.6187	180.8083	764.5517	130.1283	789.8294067
########	740.1816	160.715	764.1767	138.1867	788.0643921
########	736.1284	145.2567	765.2183	131.4467	788.8665771
########	735.965	140.0392	762.705	229.58	791.8001099
########	737.7717	133.7283	765.5617	143.98	791.8001099
########	739.4767	133.1567	771.3067	136.0067	781.2460938
########	741.725	137.8483	772.9767	134.09	781.2460938
########	742.3408	133.3433	771.77	132.71	787.6102295
########	743.1117	130.8283	769.5284	132.7567	779.2494507
########	743.0233	134.925	767.0583	137.9683	789.416748
########	743.3533	130.5567	765.7584	131.575	822.5889282
########	744.002	133.944	765.928	136.802	761.3481445
########	743.7467	135.126	765.935	137.2383	768.3845215
########	742.6467	133.4367	764.1284	197.4233	765.5234985
########	739.8284	134.5717	761.1091	199.065	812.0164795
########	739.4492	132.34	767.304	130.798	812.0164795
########	738.0328	134.5867	771.845	133.28	775.7710571
########	738.3134	133.81	772.1566	135.7683	777.0350952
########	738.3134	132.225	770.715	133.9117	860.4960938
########	738.4267	130.1683	768.2775	132.6133	781.4699707
########	739.4006	128.985	766.4866	130.0992	783.9867554
########	740.0433	133.2883	765.5566	134.085	792.0823364

########	739.8733	136.5117	765.2133	140.175	785.6340942
########	741.6434	128.475	764.4992	128.8058	862.1178589
########	743.1733	127.7117	761.4683	272.0983	786.3591309
########	743.2867	129.4267	760.9883	168.33	789.5096436
########	793.5734	131.9733	768.2433	198.6617	0
########	849.8083	138.19	776.7416	215.2033	0
########	904.8217	143.8458	1059.088	230.3883	0
########	948.43	149.3883	1055.313	245.7517	0
########	976.74	153.5733	1052.457	258.2767	0
########	1002.453	159.515	1049.813	267.1617	0
########	1020.277	165.2375	1042.198	274.4017	0
########	1029.56	169.99	1038.88	278.39	0
########	1032.42	174.67	1034.2	281.69	0
########	1028.63	178.91	1030.72	285.88	0
########	1025.91	183.59	1028.08	289.895	0
########	1024.11	187.92	1025.68	295.365	0
########	1020.53	192.91	1023.48	299.01	0
########	1018.82	196.88	1021.47	303.08	0
########	1017.58	200.39	1020.14	307.52	0
########	1016.313	205.7733	1018.896	310.6867	0
########	1014.563	208.4867	1017.38	315.6266	0
########	1013.673	213.4733	1015.893	320.5867	0
########	1012.36	216.5867	1014.74	326.6467	0
########	1011.773	220.7267	1012.957	335.0733	0
########	1010.393	223.8867	1012.607	343.64	0
########	1009.06	227.7733	1011.213	353.2133	0
########	1007.213	231.5867	1010.28	362.9	0
########	1006.78	234.5133	1009.493	369.2867	0
########	1006.487	237.7867	1009.569	374.7044	0
########	1006.86	240.0933	1008.273	378.06	0
########	1005.893	242.9133	1007.88	379.1467	0
########	1004.987	244.76	1007.387	377.4533	0
########	1003.563	247.8733	1006.007	376.8533	0
########	1003.187	249.4867	1006.93	376.5089	0
########	1004.4	250.9867	1007.427	376.96	0
########	1003.793	252.8133	1007.387	377.03	0
########	1005.787	254.2867	1008.547	376.96	0
########	1006.273	256.3267	1008.86	376.3733	0
########	1006.087	257.6133	1009.767	376.2911	0
########	1008.36	257.7267	1010.407	375.4066	0
########	1008.687	258.4733	1010.109	374.2267	0
########	1009.12	259.06	1011.387	372.96	0
########	1009.597	260.4467	1012.053	372.6533	0
########	1008.816	261.0511	1011.527	371.81	0
########	1009.875	260.9367	1011.937	371.81	0
########	1010.414	260.9533	1012.423	370.8217	0
########	1010.199	261.4483	1012.09	370.79	0

########	1010.202	261.7967	1012.33	369.61	0
########	1010.827	261.305	1012.263	368.95	0
########	1010.953	262.6467	1013.153	368.9933	0
########	1010.887	262.7533	1012.777	367.41	0
########	1011.578	263.0067	1013.508	366.7533	0
########	1010.482	264.5717	1012.933	366.295	0
########	1010.163	265.2067	1013.29	365.2367	0
########	1010.11	265.3733	1012.933	364.775	0
########	1010.003	265.9433	1013.29	363.8733	0
########	1010.447	265.375	1013.78	363.7067	0
########	1010.553	266.79	1014.818	363.3433	0
########	1010.447	265.69	1016.237	361.1467	0
########	1019.357	265.9034	1039.36	361.1467	0
########	752.3533	138.7667	1060.883	361.2533	0
########	746.93	125.3067	1076.107	359.9733	0
########	754.5933	124.9467	1085.623	360.0433	0
########	755.13	125.94	1094.92	359.62	0
########	758.14	125.66	1100.28	357.6	0
########	765.14	125.1	1102.58	357.685	0
########	769.76	125.66	1105.54	357.34	0
########	775.42	126.96	1106.74	356.36	0
########	783.2	126.22	1098.2	356.3466	813.428894
########	789.86	124	1089.18	356.38	786.1398315
########	792.16	126.76	1089.52	354.58	871.3499146
########	795.68	129.62	1097.54	355.82	794.4649658
########	795.1	119.12	1099.7	355.145	783.4832764
########	808.42	126.84	1099.88	353.74	767.892395
########	814.86	128.42	1098.98	352.92	805.4511719
########	816.12	130.68	1098.81	352.46	796.8648682
########	817.63	136.94	1111.92	351.6	809.4892578
########	829.06	140.62	1119.92	352.53	818.0700073
########	822.4	152.18	1126.48	352.14	818.0700073
########	815.16	161.7	742.66	336.1	819.1696777
########	828.04	181.62	748.78	136.52	819.744751
########	824.78	137.04	760.86	130.28	810.218811
########	823.84	133.4	764.64	127.94	814.4367065
########	821.92	137.88	765.4	132.8	826.0803833
########	822.4867	143.44	764.81	133.5767	816.8566284
########	821.5525	134.29	763.6934	129.5633	814.1699219
########	820.6266	113.9433	762.1767	131.16	807.0678711
########	821.3566	128.73	760.1589	130.7233	808.4241333
########	821.7267	146.8067	758.38	137.5033	802.3212891
########	822.6666	137.9133	757.97	139.4	802.3212891
########	829.1467	132.2367	756.2067	178.4167	780.7758789
########	838.5366	144.8267	760.8533	142.6067	808.1710205
########	844.8267	133.0467	767.32	137.31	825.7697754
########	842.4033	137.1567	769.6884	138.64	826.0845947

########	853.83	136.08	768.82	133.2633	827.8944702
########	859.425	133.9633	767.235	133.31	826.6575928
########	863.8867	130.18	764.9933	140.6467	826.6575928
########	872.3833	151.67	763.3066	151.3333	815.8882446
########	879.2133	136.1033	761.0966	136.1367	808.1895752
########	880.3367	133.6733	760.1817	189.5833	801.9083252
########	882.3167	152.8333	759.7367	203.3067	780.6890869
########	875.1867	198.4033	768.34	143.7433	777.7109375
########	851.46	271.7834	773.6066	143.44	777.3189087
########	833.16	225.6767	774.0833	138.3867	823.694458
########	837.3	149.94	772.4867	141.65	821.6104736
########	806.48	138.2933	769.3467	136.7	813.776001
########	819.06	138.4933	766.8933	133.9867	810.4290771
########	819.04	128.72	765.3967	129.9733	806.5349121
########	824.96	145.3333	763.9933	136.2067	800.9819336
########	841.9	148.7267	762.28	138.9533	798.2466431
########	831.3734	142.9967	761.82	260.5533	797.9666138
########	833.35	155.3067	766.04	143.6067	808.3511963
########	833.7266	163.6867	773.8334	135.7067	810.7155151
########	836.92	186.6267	776.06	139.5933	810.7155151
########	829.18	168.2333	773.4955	136.3533	805.5089111
########	832.9	143.4267	770.8267	135.6	816.7144775
########	836.1067	143.52	767.6233	133.56	818.6253662
########	838.02	133.0467	765.4067	140.0533	755.0336304
########	842.76	147.5867	763.6245	140.6933	822.930542
########	819.7534	154.4667	763.7933	135.8933	821.2243042
########	840.5867	141.9933	763.9667	190.3467	823.9135132
########	847.2	139.4867	763.7534	196.4533	813.1535645
########	851.4733	163.6867	770.7067	166.4733	810.5033569
########	864.0467	222.5467	776.62	150.0067	798.8178101
########	858.48	213.6133	775.6933	144.9467	797.0281982
########	837.32	149.42	775.08	140.3453	797.0281982
########	848.22	138.28	773.4514	139.4714	797.8544312
########	837.38	137.35	769.34	134.28	803.0977783
########	839.56	148.46	767.56	139.05	810.8494873
########	832.66	154.46	768.04	141.86	815.8997192
########	831.04	143.22	766.215	168.8	816.6141357
########	840.24	138.99	763.78	213.58	819.8390503
########	848.48	163.41	771.65	141.14	814.4646606
########	848.85	221.84	777.47	144.11	815.8357544
########	839.91	188.78	777.81	141.36	814.2341309
########	831.62	157.52	776.49	139.32	820.2662964
########	814.12	148	773.505	142.28	823.5307617
########	834.63	137.05	769.12	136.74	770.0812378
########	836.37	135.57	765.76	135.58	829.5797729
########	848.48	147.63	764.73	141.03	773.1172485
########	842.53	155.34	763.64	237.8	824.269104

########	844.33	141.48	762.86	197.32	822.5707397
########	846.9	174.14	769.83	139.04	827.0787964
########	836.83	229.13	776.72	142.47	826.1873779
########	844.86	201.31	778.35	140.46	827.6115112
########	836.01	144.66	776.79	134	821.6257324
########	830.28	135.93	773.95	125.38	823.7216187
########	836.07	136.03	769.26	139.09	821.4869385
########	836.6333	145.2267	767.3267	143.8267	768.3086548
########	838.4533	142.14	764.62	140.24	829.9122314
########	842.3	138.8133	763.76	168.3667	824.5819092
########	842.3467	156.88	763.2667	217.2	775.4694824
########	846.6	169.7533	771.7733	146.3933	830.3790283
########	846.6266	235.8333	776.5133	135.9867	830.8163452
########	843.0467	176.3533	776.92	136.7867	823.0238647
########	830.1334	144.72	775.3734	138.9133	774.5073242
########	833.76	146.4733	773.3134	142.8733	812.9736328
########	845.06	140.8533	767.6934	140.2667	812.3578491
########	832.6933	140.02	766.0267	138.8	815.4942017
########	836.9533	137.52	765.14	135.2267	812.5150146
########	836.18	140.86	763.1266	144.46	818.0637207
########	842.3867	142.3533	760.96	225.64	808.3324585
########	848.2067	207.0933	766.9533	159.7733	813.59552
########	843.9333	226.78	775.1933	143.8667	814.1534424
########	837.4266	170.96	777.1067	132.0667	816.8756104
########	838.865	139.3167	776.39	139.5583	812.7255249
########	836.2067	166.542	773.5383	131.3733	811.3509521
########	836.545	136.125	770.89	133.225	808.1312866
########	841.5367	151.145	768.8066	132.5367	805.8244629
########	850.255	147.845	765.32	140.97	810.0269165
########	849.585	143.2	765.64	140.075	804.1029663
########	848.72	138.4975	764.415	261.615	809.4348145
########	853.13	207.2	765.17	182.76	819.7506714
########	843.285	212.38	773.725	144.915	807.6891479
########	843.11	163.905	777.67	141.1775	807.6891479
########	839.09	145.105	777.86	132.8	809.8289795
########	841.765	142.58	775.79	139.855	809.8289795
########	844.21	147.6375	771.7075	147.185	814.6052246
########	847.84	150.28	769.255	145.4	817.1679688
########	850.0925	119.875	767.025	129.4775	812.7059937
########	852.855	137.985	766.3125	133.145	810.8260498
########	851.995	156.635	765.035	185.925	809.449707
########	847.925	225.35	764.525	211.095	813.7494507
########	843.91	195.54	772.615	140.005	816.3244629
########	818.74	152.275	777.26	136.69	819.8807983
########	839.915	142.415	778.035	134.63	814.0249634
########	844.155	137.01	779.085	133.615	811.2598267
########	846.685	145.615	775.4	138.92	812.1363525

########	849.27	143.115	770.685	138.715	803.1015015
########	851.28	144.04	768.015	137.685	815.326416
########	853.145	142.53	765.5734	133.4717	812.6223145
########	849.27	249.0954	763.5925	232.52	817.2070313
########	842.5267	213.2533	763.1284	193.7	813.6726685
########	839.945	151.9917	769.865	140.6433	816.1011353
########	843.9017	137.3433	775.8275	138.0244	819.7059326
########	845.9733	139.8117	776.3367	140.4017	819.8081055
########	848.5983	136.6467	775.1617	136.4233	817.0604248
########	851.4367	135.2717	771.3633	133.3983	821.8896484
########	853.1017	131.8733	768.8716	132.0417	816.2470093
########	856.8267	135.4333	766.7983	134.4033	812.395813
########	859.03	156.645	764.6859	141.9967	815.4755859
########	857.0167	233.7283	763.6984	233.6767	823.093811
########	845.8967	205.8767	762.065	203.5517	822.156311
########	840.5983	148.3617	770.7567	141.8717	782.854248
########	842.7283	144.5233	777.0717	143.225	783.3494873
########	845.3184	134.4433	776.9183	133.1967	781.3968506
########	845.6467	133.5567	775.7675	131.5754	779.7952271
########	846.8716	135.4667	772.1367	134.7767	777.9550171
########	848.5275	142.7083	769.1267	139.83	783.1552734
########	852.225	135.4425	766.5267	136.1267	785.0584717
########	850.7983	213.5067	764.7633	135.76	782.0310669
########	843.425	232.2467	763.3817	239.525	782.0310669
########	839.3125	163.4367	762.8233	191.5133	783.2749023
########	843.73	140.17	771.71	140.8517	788.2705078
########	849.4033	135.7883	776.11	135.855	786.2490234
########	853.1975	132.1817	776.3033	130.6933	784.9174194
########	854.1658	133.5817	773.8116	132.9183	784.7650757
########	857.3745	140.1883	771.4034	134.03	780.0532227
########	860.5046	134.0183	767.6817	136.8333	783.5305176
########	861.8033	132.3433	765.0916	132.8817	789.5811768
########	860.1633	236.0433	763.4966	135.775	792.619873
########	851.0067	215.3133	761.49	274.1	787.8688354
########	852.1033	153.9417	764.2317	172.5317	787.8688354
########	851.3934	134.0483	771.63	134.6817	789.4031372
########	850.0967	133.5517	776.0167	130.7117	789.4031372
########	848.8133	154.47	776.0908	135.1117	788.4945068
########	844.37	207.2433	773.8917	141.7183	789.0546875
########	842.4017	204.0317	770.49	138.0067	784.2542114
########	844.3884	154.0083	766.8066	131.4433	795.22229
########	843.4966	144.5978	764.805	144.2183	789.5112915
########	843.295	154.665	763.6967	152.3733	790.2454834
########	842.6066	176.695	761.9883	324.96	794.3677368
########	839.6817	209.9517	761.73	197.4433	788.4457397
########	835.0967	217.2317	770.64	145.245	787.7315674
########	833.5414	176.1457	775.7485	141.1962	785.1270142

########	831.54	149.56	776.73	149.595	791.8585205
########	831.58	144.28	774.22	135.85	793.7059937
########	830.67	165.5675	770.795	135.62	789.8285522
########	827.66	190.6	767.8066	134.965	790.109375
########	826.16	192.79	764.63	142.73	788.2937012
########	823.305	163.57	762.845	137.575	788.8399048
########	821.505	149.44	761.465	303.565	790.4976807
########	819.8066	162.63	763.09	174.44	784.8318481
########	817.805	170.99	771.66	145.215	799.526062
########	816.705	181.54	776.355	144.54	791.4985352
########	813.91	173.295	775.63	133.005	789.7525635
########	812.095	160.06	774.05	133.73	788.7694092
########	810.34	156.63	770.86	138.935	788.3430786
########	809.24	162.47	767.285	145.085	791.3804321
########	808.1884	163.06	764.32	132.295	790.03125
########	805.6825	176.745	762.83	135.52	795.0438843
########	805.54	170.76	760.99	229.195	785.229126
########	803.1675	156.085	764.965	163.545	789.6389771
########	802.595	152.63	773.71	135.145	789.6513062
########	802.6475	156.27	776.955	140.81	790.6697998
########	801.7663	165.88	775.5023	138.3943	792.355896
########	799.895	178.925	772.1692	142.4517	787.3086548
########	798.1406	165.9267	768.6692	132.3183	789.1063843
########	798.0267	148.545	766.2583	133.8567	785.6755371
########	798.0822	145.3317	763.985	138.1817	788.6061401
########	797.805	152.43	762.7316	145.7733	793.4922485
########	797.275	167.5717	760.0292	243.1983	791.7578735
########	795.2634	167.4117	765.9883	151.475	793.9836426
########	794.505	169.5517	774.8517	136.8967	788.9501953
########	794.505	145.2967	776.5634	131.9267	786.2426758
########	794.395	141.9392	775.6217	139.4517	792.8008423
########	794.7266	142.4517	771.8217	132.295	791.5023804
########	794.4025	164.55	769.0634	135.4483	792.7099609
########	794.2366	175.7517	766.2583	132.0733	797.2731934
########	792.9266	177.0183	763.9683	141.1733	791.6372681
########	792.0242	145.775	762.4634	141.0417	791.6372681
########	793.5634	139.8717	760.8209	220.9283	791.9464111
########	794.7783	137.6483	768.115	138.29	791.9464111
########	794.5217	167.0983	775.1883	143.9667	794.8427734
########	793.6266	154.2433	776.795	137.7033	792.9911499
########	793.2475	184.7183	775.7583	135.9467	791.2265625
########	791.095	174.1967	773.285	136.1517	786.4640503
########	791.2225	149.9475	769.0067	135.6433	793.609436
########	791.8317	140.1633	766.8967	142.5933	789.3931274
########	792.8134	137.0056	763.6934	130.8933	788.9326782
########	793.7787	143.2333	762.8967	227.2883	789.607605
########	792.7867	173.0167	761.2267	197.2583	794.9399414

########	791.145	180.7517	769.865	153.6783	795.2702026
########	790.2773	175.59	775.7933	140.8633	792.9807129
########	790.8066	152.7583	775.6284	143.765	794.9415283
########	791.8683	135.9317	773.28	134.0725	791.7716064
########	793.0067	135.3883	769.19	140.32	788.8521729
########	793.7967	159.5783	766.425	132.7683	787.1134033
########	792.1775	180.9483	764.045	134.3617	788.0050659
########	790.7033	183.6433	763.0416	136.405	790.1630859
########	790.0128	176.0267	760.1767	240.6083	792.6898193
########	791.1517	148.675	763.73	172.0983	795.5308838
########	790.8066	134.6767	773.2233	132.1633	794.1594238
########	791.5067	135.8133	776.4933	135.245	788.0142212
########	792.6067	169.6917	775.9128	138.0367	790.0980835
########	791.1317	182.82	772.4933	141.8917	793.0279541
########	789.45	174.6967	769.635	133.37	793.5344238
########	789.6317	163.19	766.49	133.7567	790.7039795
########	790.4067	142.0383	764.3933	133.6983	794.7757568
########	790.74	138.645	762.905	143.265	791.7972412
########	791.195	141.81	760.73	247.75	789.1538696
########	790.6866	145.47	765.625	155.75	793.630127
########	790.4425	180.405	773.445	138.89	792.6826172
########	788.73	184.01	777.155	140.46	793.7167358
########	787.895	171.525	776.2925	132.83	789.3389282
########	788.9075	146.29	773.19	131.3475	789.6707764
########	788.925	137.99	769.655	134.125	788.9277344
########	790.86	135.155	766.79	137.63	793.8806152
########	790.93	152.245	764.355	137.795	792.7489014
########	789.515	182.73	762.9425	140.6	791.1383667
########	787.545	182.785	760.54	228.75	785.3022461
########	787.4925	167.315	766.47	155.035	792.7172241
########	788.14	142.485	774.945	138.785	790.9136963
########	788.66	134.58	776.4767	133.1567	791.467041
########	789.9525	139.87	775.13	133.93	793.619751
########	790.095	147.985	771.26	139.225	788.3014526
########	789.045	193.155	768.155	141	796.3310547
########	787.56	184.78	765.4125	135.54	789.8015747
########	787.16	168.415	763.065	132.515	789.8015747
########	787.1422	148.7	761.2231	230.8429	789.3120728
########	787.6791	136.1333	760.3834	212.0333	794.6583862
########	788.4917	136.8	768.9166	148.5667	790.0644531
########	788.5167	158.0417	775.2	131.3722	788.2952881
########	786.8417	186.5833	776.2	135.15	790.2823486
########	784.65	185.1833	774.35	136.2667	789.4819946
########	783.8222	173.2833	770.55	135.7833	789.4819946
########	785.1583	143.5333	767.6334	130.575	794.2095947
########	785.8666	134.85	764.5667	133.8833	789.5731201
########	787.05	136.7167	762.6333	135.2167	791.1144409

########	786.2667	147.5	762.05	203.9167	788.1956177
########	786.775	194.5167	760.9166	197.9833	792.5509644
########	783.9417	188.9333	769.7833	136.9667	791.4759521
########	783.8889	165.8667	775.85	140.2333	792.5877075
########	784.0667	141.3333	776.5333	133.6667	795.1751099
########	784.45	135.225	773.85	137.2	791.5786133
########	786.3167	135.7667	771.3	135.3333	791.6515503
########	786.5333	174.05	767.9583	144.6667	794.5718384
########	784.7056	184.6167	764.5	139.6833	794.4087524
########	783.6666	186.0833	763.0389	149.95	793.3419189
########	783.0167	164.2167	760.6667	290.75	790.2335815
########	783.2333	152.7833	762.5	203.6	790.1071777
########	783.4166	134.9167	771.75	134.3667	791.8110962
########	784.4	150.5	776.5	136.9	791.8413086
########	783.25	145	776.7667	132.5	789.2012939
########	783.6	186.7	774.5	141.3	794.5618286
########	781.8	182.3	771.2	132.9	793.1328125
########	779.6	156.3	769.5	131.8	790.4798584
########	782.9	144.2	765.4	136.2	792.3356323
########	782.2	139.1	763.1	141.3	793.0495605
########	784.4	149	762.2	305.7	791.072998
########	782.5	169.1	764.2	173.9	794.1779785
########	780.7	186.4	774.1	139.8	795.6079102
########	778.9	172.1	777.6	136.9	789.7896729
########	780.7	153.4	777.6	140.9	789.2650146
########	779.7333	140.2	774.7	133.45	790.5662231
########	781.1	137.65	771.2	136.9	789.9268188
########	782.2	171.7	768.3	140.2	791.2909546
########	786.6	156	765.9	140.2	790.914917
########	779.6	180.1	763.9	139.5	798.2438354
########	780	161.8	761.9	264.7	790.8328247
########	779.6	147.9	766.1	163.3	790.3695068
########	779.2	139.1	774.1	140.9	790.1568604
########	781.8	146.8	778.3	144.6	786.7050781
########	780.7	150.5	777.6	134	789.300293
########	779.15	179.65	776.05	139.0667	790.2079468
########	782.6666	172.5333	771.7833	138.95	790.2079468
########	771.5167	160.15	768.5333	134.7	789.3988037
########	767.625	137.6	766.3917	133.2083	788.4509277
########	771.4083	134.45	764.9667	138.5833	785.7089844
########	779.0834	159.75	762.2333	242.0333	786.7310791
########	779.0834	174.3333	766.1667	162.2333	787.6745605
########	777.1667	184.6	775.9166	133.3	785.0278931
########	794.05	177.35	779.3667	133.8167	784.8814697
########	775.8667	155.75	778.2667	134.7333	785.90448
########	778.2167	135.7667	774.95	130.2083	783.7293091
########	778.7833	139.6167	770.8833	134.0667	782.6556396

########	777.7	159.45	768.5667	134.2167	785.286499
########	778.1	180.95	766.25	139.4333	785.286499
########	755.1667	189.7333	765.2667	132.1333	789.003479
########	771.0833	172.8333	762.7833	241.4167	783.2736816
########	777.2667	143.3667	768.5333	151.4333	784.9053345
########	776.2722	139.1833	777.0417	136.5	784.9319458
########	773.0833	164	778.05	130.7769	789.3779297
########	776.9	151.4333	777.1334	130.5667	781.2709961
########	770.8333	175.8333	774.1	136.4333	782.710022
########	770.8667	186.8333	770.6	140.3	782.9813843
########	771.8	164.8333	767.8666	137.9	788.0817261
########	773.0333	153.4333	765.7	136.6667	787.923584
########	775.7333	136.5	765.4333	169.2667	790.4334717
########	776.9	147.6667	762.3334	231.5333	787.6946411
########	773.8666	160.6333	770.2	150.7	792.3864746
########	773.4333	162.5667	778	152.1667	788.8005981
########	772.2667	181.7333	779.2667	137.3667	780.7321777
########	776.4333	168.8	779.2167	138.1	788.4816895
########	767.4	149.7	774.2333	138.1333	801.4876099
########	780.1	139.8333	771.6667	142.4	785.8643799
########	774.0333	148.3	768.0333	132.6667	785.6503296
########	776.3	168.0333	766.5333	141.5667	783.2009888
########	773.5333	183.9333	764.5333	190.5	788.0766602
########	774.8666	178.5333	763.3333	215.6667	787.7169189
########	768.6	153.8667	772.2	136.4	787.02948
########	772.4	142.6333	778.5667	141.9333	784.1322632
########	767.3	141.9	779.3334	143.0333	786.4104614
########	774.1667	150.8333	777.6	136.0667	785.5140991
########	769.2667	176.4333	774.8	134.3333	783.8026733
########	771.5	190.0857	771.3333	138.0333	781.9737549
########	759.1	167.3	769.3	146.25	782.2475586
########	769.4	158.7	766.6	135.45	782.3579712
########	775.95	143.5	764.55	189.8	810.2219238
########	772.85	144.3	763.5	202.85	799.911377
########	772.65	164	771.85	161.25	790.9401855
########	772.575	164.4	776.55	136.35	791.6665649
########	763.625	184	777.8	134.5	791.6665649
########	769.55	174.8	776.05	132.35	777.4290771
########	767	165.3	772.35	141.3	777.4290771
########	771.2	134.9	769.55	134.85	804.3690796
########	772.15	138.95	767.1	138.55	800.3862915
########	771.4	179.6	766.5	133.25	803.6400146
########	775.6	161.1	765.975	158.15	806.2770996
########	771.4	189.85	765.25	212	801.4656372
########	767.7	173.75	771.45	138.75	806.7116089
########	764.05	153.2	778.25	134.975	823.9887085
########	771.75	148.05	777.5	138.75	813.453186

########	774.65	144.25	777.7	138.025	806.5427856
########	760.4	157.6	774.6	135.625	805.510498
########	775.05	173.9	772.2	131.95	796.2254028
########	767.55	190.75	770	137.25	797.9207153
########	768.84	176.38	766.16	132.96	805.8141479
########	770.6462	154.15	765.7	149.75	807.027832
########	771.1667	141.8	764.2	219.6667	807.2384033
########	770.2333	139.9667	770.0333	150.1	804.6555176
########	756.0333	160.3667	776.9333	129.9667	808.1428223
########	769.7333	184.8	779.7667	134.6667	811.8942261
########	768.7333	184.9333	776.9	136.2	811.8942261
########	769.1334	169.6	772.7	133.8333	779.7211914
########	771.6667	157.0667	770.1334	133.2333	795.458374
########	768.05	135.3333	767.4	136.6667	798.1414795
########	763.8666	143.2667	767.2333	137.7667	795.8319702
########	771.8	159.5333	766.7333	140.3333	797.5352783
########	769.8666	184.1667	763.9667	237.8667	807.7423096
########	768.1667	181.8333	769.1334	155.3333	810.1077271
########	769.6334	171.9667	776.1	144.9667	806.5254517
########	765.4333	142.0333	778.5667	138.1333	809.7392578
########	771.7	123.8333	777.7333	142.0333	812.7087402
########	769.8666	153.5333	775.5	140.8	810.9777222
########	771.6	157.5667	773.2333	139.2167	818.951355
########	768.3	209.4	769.8666	142.8667	814.199646
########	769.8333	178.4333	766.0333	133.8667	811.2463989
########	764.3667	160.6	764.6	155.7333	815.7185059
########	783	156.8	762.7429	209.6714	805.7520142
########	772.2	143.0333	769.9167	155.9333	815.208313
########	770.4333	141.15	777.5834	137.7167	812.7893677
########	770.2833	151.9333	780.25	134.55	814.7577515
########	767.0167	184.05	778.55	129.1333	807.2892456
########	766.5333	193.0167	774.9	136.8667	807.5650635
########	766.2944	154.4	771.55	138.8833	806.359314
########	766.2833	142.6167	768.7333	137.9833	810.3148193
########	768.4166	140.0167	766.075	134.3333	815.7754517
########	770.9333	145.3	764.2667	156.1333	810.7545776
########	772.85	160.2667	763.1167	217.1	814.7294922
########	769.2833	194.3667	769.95	140.7167	814.053772
########	775.1667	188.6333	778.1167	133.4167	816.5691528
########	765.8834	167.0833	778.8334	139.35	816.5691528
########	767.6833	149.15	777.45	139.95	814.5326538
########	770.4333	136.8167	774.1166	133.8167	815.6713257
########	777.1334	150.8	770.2667	130.25	810.4846191
########	767.5667	155.1	767.4667	137.1167	810.288208
########	765.9167	190.95	765.7833	137.7917	814.4718628
########	767.4167	181.5	764.4166	144.2833	820.9745483
########	766.4667	164.0333	762.3083	221.9667	820.2054443

########	766.95	150.1	769.9	157.1	812.6641846
########	767.5	137.6	777.6	132.5	815.6035156
########	768.3	146.8	778.7	142.4	815.9498291
########	769	161.1	776.3	133.3	813.5230103
########	768.3	184.9	773.2	140.2	812.0126343
########	775.0117	182.7183	770.6066	137.2867	812.0126343
########	765.1408	156.38	767.9217	144.5267	812.5777588
########	765.3133	139.1483	766.2067	134.73	815.9730835
########	767.3525	138.08	765.015	140.55	816.8809814
########	767.2117	145.725	762.41	221.6033	812.861145
########	767.1934	174.0283	769.6667	144.3533	822.5005493
########	763.715	196.7967	777.9717	135.8367	822.272522
########	762.7375	184.555	779.395	138.67	818.541687
########	763.875	153.8667	777.2133	135.8067	817.3852539
########	763.8817	139.8067	774.915	133.9933	816.0626221
########	764.9272	140.9733	770.8283	139.5117	817.2937622
########	765.6984	154.1683	767.3133	140.9183	815.5512085
########	763.5117	191.2317	765.8967	136.2233	817.1646729
########	763.1066	186.5708	763.3066	141.16	816.6117554
########	762.4733	182.425	762.2717	225.13	821.6793823
########	763.0817	158.5983	769.8667	147.69	813.6959229
########	762.7933	141.7483	776.98	135.8517	813.6959229
########	763.4824	141.2462	777.699	131.4489	820.1072998
########	764.075	155.85	776.075	133.775	818.7293701
########	761.85	167.3	772.55	138	811.1900024
########	760.4066	180.33	769.775	133.88	817.857666
########	759.8617	170.4433	767.5375	131.5933	817.6137085
########	759.4617	153.7983	764.9808	140.7083	814.53479
########	759.816	149.76	763.892	155.52	818.4953613
########	761.7983	148.1533	760.855	241.9083	822.7419434
########	762.6533	164.4583	766.6884	152.2483	815.2545776
########	759.9375	178.4983	775.125	136.0417	814.9227295
########	757.7183	177.215	779.345	137.5083	821.7005615
########	757.9515	165.48	776.67	130.815	818.2814941
########	755.105	150.155	775.415	129.1817	818.1824341
########	757.9933	144.1633	769.5217	135.07	819.958313
########	760.9067	139.1183	764.7592	142.3517	819.958313
########	761.8525	155.465	762.01	135.1483	819.7543945
########	761.6934	167.6083	760.91	132.8817	822.7937012
########	758.7317	179.3967	758.9217	228.8967	827.7600708
########	758.0562	170.2617	765.4633	155.1183	827.7600708
########	758.3419	146.8617	773.87	135.8483	765.053772
########	758.6961	136.9367	776.485	132.4883	761.9373169
########	760.1934	138.43	774.6934	136.4817	753.0645752
########	761.6934	151.5683	770.4933	135.3817	838.199707
########	761.2933	173.1933	767.2983	141.7628	774.9178467
########	759.4867	179.7567	764.21	138.7133	778.1437988

########	758.0067	174.2683	762.4067	140.9317	781.9813843
########	757.6183	149.0183	760.91	150.5867	780.6485596
########	758.3967	141.355	759.0933	231.265	788.3898926
########	759.2966	134.0117	766.7817	142.535	787.022644
########	760.5867	153.99	773.8917	135.8617	778.9921265
########	758.3625	156.5633	775.01	141.275	779.8309937
########	758.0067	188.2817	773.01	142.775	779.8309937
########	758.3442	164.5033	769.4017	136.4942	785.5093384
########	757.7966	146.8433	766.1116	135.4067	783.885437
########	759.0966	137.975	763.5034	133.2933	781.9675903
########	759.8066	140.785	761.5075	135.3883	777.4302979
########	761.6867	150.4017	759.8133	200.0933	765.8903198
########	758.0367	156.495	760.1733	197.5867	765.8903198
########	757.7355	186.24	769.4667	135.455	764.3322144
########	757.7017	165.5783	775.1733	134.265	772.9265747
########	757.6066	151.575	775.2133	139.7767	783.0583496
########	759.7883	137.5942	772.8167	134.27	786.5579224
########	760.5867	138.32	769.2084	133.595	788.4451904
########	759.825	144.1033	765.7183	137.2683	796.0197144
########	758.6372	153.19	763.5183	142.455	813.0886841
########	758.0117	198.6467	761.1066	135.7817	818.0745239
########	757.595	172.34	759.8183	219.4267	815.519165
########	757.7966	157.4983	760.575	190.2083	815.519165
########	758.0067	139.29	770.2783	145.7733	833.5744629
########	758.4092	135.7817	776.0767	138.405	774.4473267
########	759.8133	144.5383	775.7933	128.6378	775.6618652
########	759.7017	144.23	773.6017	132.3717	845.8007813
########	759.5275	184.3683	769.565	136.2033	777.6867676
########	758.0641	178.1933	766.0325	135.1033	777.6867676
########	757.2267	161.7483	763.0016	132.7717	779.5743408
########	757.6245	147.445	760.9733	138.4217	781.7462158
########	758.6113	136.13	759.265	269.555	784.8261719
########	760.7717	132.255	761.5967	168.2317	782.6332397
########	761.5533	146.1917	770.2983	130.8283	778.1713257
########	759.7017	156.2817	775.7267	146.345	778.1713257
########	758.4339	184.9917	775.365	148.27	782.7214966
########	757.9266	174.78	772.265	138.1067	784.0509033
########	757.7466	150.2617	768.3016	132.2492	783.7541504
########	759.0661	135.95	765.575	133.93	784.0142212
########	760.655	136.9033	762.8016	141.3917	779.2729492
########	761.5122	138.9933	761.0958	134.5333	779.2729492
########	761.3734	163.2333	759.21	278.6517	770.5761719
########	760.2428	178.81	761.8716	166.42	776.6135864
########	758.5717	184.0383	772.5067	151.845	782.6641235
########	758.3817	159.3433	774.9183	134.365	783.229187
########	759.1367	141.1683	773.9367	138.125	786.631958
########	760.325	133.8717	769.6567	135.0267	782.8987427

########	761.9725	137.67	766.51	142.1217	783.0079346
########	761.9725	150.0667	763.7917	131.6867	784.2869873
########	761.3734	180.775	761.6266	133.685	782.3393555
########	759.8734	189.7983	760.1467	133.4683	776.2429199
########	757.7578	178.5783	758.0734	239.72	777.0977783
########	757.7466	145.3183	765.0616	153.07	777.0977783
########	759.5239	133.875	772.9633	138.9317	786.3623657
########	761.0983	134.3733	775.4733	135.8767	785.1738281
########	760.9733	142.7333	773.655	134.37	783.6672363
########	761.2267	158.8967	770.3383	135.7233	780.7879028
########	758.6017	187.925	766.4733	133.5567	782.9920044
########	757.9266	175.4367	764.0367	135.5467	782.9920044
########	757.93	151.34	761.57	142.275	781.9627686
########	758.372	136.06	760.265	149.48	789.3850098
########	760.33	134.44	758.06	231.605	786.8796387
########	759.6925	143.17	764.885	144.805	777.7849121
########	758.96	159.345	772.555	136.46	778.3050537
########	757.935	178.4	775.53	142.33	781.3560181
########	756.63	176.54	775.005	135.275	785.2441406
########	756.9425	152.04	771.525	133.93	783.6589966
########	757.04	139.6237	767.175	133.81	780.4629517
########	757.9183	132.69	764.48	132.69	780.4629517
########	758.33	140.41	761.77	138.455	780.5369873
########	758.6275	162.74	759.9925	172.04	782.130127
########	757.86	178.435	758.385	228.25	782.2380371
########	756.655	173.97	765.5	148.38	785.5297852
########	756.185	154.225	773.845	135.855	784.5542603
########	757.16	136.185	775.66	131.53	784.5542603
########	757.37	140.375	773.27	139.415	782.1345215
########	757.835	142.085	769.385	133.075	782.7932129
########	757.4925	166.105	766.075	132.935	783.1836548
########	756.585	176.885	763.415	134.52	781.8205566
########	754.965	177.13	761.1917	141.04	781.8205566
########	754.945	154.24	760.27	149.14	786.2625732
########	755.3025	138.3	758.26	232.095	781.7929077
########	756.585	140.885	766.02	156.985	781.9603882
########	757.4075	138.505	773.655	143.555	783.8250732
########	757.87	153.07	775.7067	136.955	787.8464355
########	756.78	172.47	773.985	136.83	787.8464355
########	754.96	175.965	770.605	142.91	780.4549561
########	754.63	164.895	767.13	145.05	782.822998
########	754.685	140.78	763.875	135.84	784.8458252
########	755.7387	138.045	762.07	134.665	784.8458252
########	755.925	136.115	760.655	209.01	783.8756104
########	757.475	150.475	759.625	211.155	783.8756104
########	757.215	169.4	768.345	140.01	778.5139771
########	754.63	182.3825	774.515	141.685	782.322876

########	754.065	168.07	776.165	133.355	784.8216553
########	754.84	146.925	774.815	138.96	786.0408936
########	755.275	134.44	771.1225	137.215	786.0408936
########	757.5275	131.275	767.1375	133.775	780.8180542
########	757.07	149.48	763.81	133.68	785.8309326
########	756.5383	175.6267	761.61	146.075	781.3904419
########	754.3539	181.6967	760.1033	272.8167	781.3904419
########	754.155	174.6367	759.7217	200.3767	785.5511475
########	754.155	147.7667	768.7567	138.3617	785.2936401
########	755.2317	136.6117	774.5284	142.2667	782.6704712
########	756.0067	139.5117	775.69	143.27	782.8137817
########	755.4967	145.8317	773.6067	133.4808	783.53125
########	756.1617	160.3383	770.455	137.3775	783.53125
########	754.3617	184.8867	766.5933	141.1683	784.0374146
########	753.9293	172.6364	763.9467	136.2733	781.593689
########	753.3867	149.7733	762.2834	131.9133	780.6913452
########	754.0067	136.2	759.7667	239.2867	782.196106
########	755.5867	140.02	760.8333	197.42	777.9085083
########	756.5267	137.4867	769.5933	137.7467	777.9085083
########	755.66	163.5267	775.8333	136.76	787.5509033
########	754.6733	177.1667	775.4933	134.3733	786.9596558
########	752.8067	180.36	773.0133	140.3867	787.548645
########	752.5089	156.3067	769.3734	132.7133	783.4475708
########	752.8734	137.8867	765.75	138.1867	786.0140381
########	753.3867	134.62	763.7467	135.3533	784.8023682
########	755.5667	147.5267	761.22	147.7867	789.2293091
########	754.9133	152.16	759.42	281.7067	795.0333862
########	754.5133	189.9733	760.42	182.4867	791.49646
########	753.46	183.0667	769.9133	142.88	792.4682617
########	752.4533	166.8933	774.8734	145.5467	792.4682617
########	753.0133	143.28	775.8133	139.2867	787.0443115
########	753.2267	132.36	772.66	130.6733	788.9379272
########	755.26	133.0867	769.6933	134.6733	783.2976685
########	755.6866	158.78	766.6866	138.5467	785.5794067
########	754.6183	152.6667	763.58	135.3133	783.8261108
########	753.4133	179.6933	761.4377	136.0133	783.8261108
########	753.11	171.42	759.38	238.62	785.7304077
########	752.01	153.46	763.55	162.81	784.6766968
########	753.88	134.65	771.74	132.85	793.0222778
########	754.05	135.58	775.18	135.54	784.8250122
########	755.19	142.46	774.3566	131.675	783.0057983
########	754.49	152.73	771.76	138.5	783.0057983
########	754.475	179.13	768.06	136.05	790.0510254
########	752.745	175.5	764.34	133.27	790.0510254
########	753.39	157.51	762.05	134.71	789.5584717
########	753.74	143	760.67	150.47	791.5574341
########	754.33	140.36	757.71	258.45	788.8565674

########	756.01	134.33	762.39	164.07	792.7327271
########	756.035	159.61	771.19	138.87	780.5803833
########	754.21	175.17	775.54	141.95	790.0046997
########	753.48	180.54	774.85	139.04	785.6772461
########	752.22	163.08	772.18	129.93	785.6772461
########	752.71	139.59	768.73	134.42	782.1361084
########	753.44	134.86	765.24	137.34	775.2290039
########	754.91	133.06	763.03	134.77	775.2290039
########	756.17	161.32	761.01	136.91	788.2926636
########	755.07	162.69	758.09	244.82	780.6070557
########	746.88	186.82	764.1	162.96	782.6550903
########	751.62	163.64	771.86	136.52	781.4699097
########	750.38	144.43	774.79	137.88	782.1884766
########	755.295	133.18	774.44	133.32	782.8759155
########	757.83	138.18	771.46	139.59	787.1459351
########	757.06	139.88	768.46	131.37	786.5343018
########	754.75	166.52	765.44	136.45	780.9577026
########	745.9	179.46	762.88	136.41	796.0793457
########	753.435	172.35	762.14	147.78	796.0793457
########	753.93	136.15	759.18	259.67	794.3234253
########	754.21	136.29	764.5	160.56	794.1098633
########	754.21	141.62	774.16	143.22	800.6454468
########	754.54	158.8	776.36	142.89	799.1989746
########	745.18	148.56	775.3346	143.26	791.5336914
########	754.7534	176.3933	771.7267	138.1467	791.5336914
########	746.068	168.796	768.424	134.524	790.4914551
########	753.5688	153.5467	765.7267	137.4333	800.40271
########	753.5633	139.9067	762.48	133.34	799.9314575
########	753.14	133.7667	761.8467	134.74	798.4974365
########	755.9067	142.2933	758.86	251.1267	793.3273926
########	757.8533	164.8467	763.7667	169.0067	793.3273926
########	754.24	174.36	771.8067	140.86	795.9081421
########	754.7933	175.1267	775.3067	140.5133	795.2359009
########	754.26	154.4467	775.7466	133.1933	793.3505859
########	754.9933	145.1667	772.68	138.88	798.5314941
########	754.7534	137.9467	769.6067	139.4467	789.5304565
########	756.0845	140.42	766.92	138.22	789.5304565
########	756.0533	152.4467	765.9666	133.6333	790.4974976
########	753.6934	186.42	762.92	139.3933	793.987854
########	754.92	182.5333	760.6266	240.92	793.3217773
########	750.24	168.42	766.8267	155.4867	789.7703247
########	751.8933	163.4667	774.5667	136.4067	801.1130981
########	751.5334	138.6933	778.2333	137.4467	801.1130981
########	755.0466	120.9667	777.2033	144.16	793.6783447
########	756.7433	151.9867	773.7401	130.46	795.3341064
########	760.7667	175.1467	769.1133	133.1	797.6253052
########	748.5734	186.22	766.4533	134.9	798.7909546

########	752.5533	168.0467	763.9333	138.3667	793.503479
########	754.1467	144.73	761.7267	134.72	801.5212402
########	753.16	134.66	759.42	252.6867	800.7626343
########	752.96	142.58	764.36	175.24	804.6903687
########	758.44	151.98	771.58	148.4	800.223877
########	755.32	184.1	775.68	144.54	803.1022339
########	754.22	156.28	776.02	136.1	802.0612793
########	752.26	176.42	773.62	135.9	800.5742798
########	751.86	154.24	770.06	138.26	800.5742798
########	767.88	139.08	766.72	134.74	798.2113037
########	754.68	130.82	763.18	132.66	798.3450317
########	753.16	148.08	761.64	165.66	800.1472778
########	754.52	145.56	758.8	234.46	799.1255493
########	755.04	170.78	765.34	151.12	800.9163818
########	754.62	177.64	772.78	146.14	800.9163818
########	750.04	161.54	775.64	133.34	805.0643311
########	738.08	146.48	776.54	141.78	799.2281494
########	754.9533	137.45	773.4733	140.0133	799.90802
########	760.56	131.76	770.44	138.54	793.6488647
########	755.98	157.16	767.38	132.42	790.9753418
########	761.42	189.22	765.64	138.32	790.9753418
########	753.28	186.76	764.38	155.62	790.9425049
########	752.74	174.92	762.68	231.62	799.9468384
########	754.5029	148.74	769	141.74	795.2191772
########	754.4033	139.025	776.33	138.3767	794.559082
########	753.7466	145.6267	777.4933	141.8533	794.559082
########	755.2717	152.0033	776.7534	133.8167	802.2290039
########	750.1866	157.2167	773.5467	134.59	795.9553833
########	754.2217	191.7633	769.7933	134.59	794.1378784
########	755.5433	183.5833	766.8566	144.49	800.4584351
########	752.1367	145.0767	763.5566	136.42	798.1504517
########	766.6166	140.71	762.4733	195.61	798.1504517
########	745.1967	138.51	755.9617	218.0133	794.887207
########	755.2534	145.5167	767.88	157.9867	795.4971924
########	757.1567	160.0767	775.1434	132.42	796.3399658
########	754.5933	189.08	777.5267	137.3433	793.7793579
########	758.37	186.44	776.2567	140.1633	791.1268311
########	738.9366	178.2233	773.6033	149.0033	791.1268311
########	750.6334	149.9133	771.0767	134.5533	799.4221802
########	751.95	137.7067	767.9567	130.4067	797.9884644
########	752.7967	139.4333	765.52	130.74	797.531189
########	765.3367	175.92	763.8267	152.8133	796.9317017
########	752.6067	165.83	761.7534	226.8867	795.3508911
########	757.8167	194.8	768.5034	143.8667	795.3508911
########	753.8234	170.71	774.0267	144.3033	799.2746582
########	751.2534	148.63	776.3734	135.175	799.2746582
########	751.36	164.15	775.7833	133.8167	797.6256714

########	747.55	148.3733	773.99	131.5467	795.8986816
########	753.9366	143.68	769.6033	135.0633	795.8712158
########	757.6334	159.9233	766.1567	134.5533	799.2723999
########	757.16	168.1033	763.6467	138.66	798.0641479
########	749.4933	181.4867	762.99	160.33	796.2797241
########	751.8983	156.77	760.38	217.5033	792.8200684
########	748.8267	145.0033	768.9133	140.5667	792.8200684
########	750.205	141.1133	775.78	141.1167	797.0696411
########	751.1467	148.74	776.6467	135.5033	798.7982178
########	738.0167	147.75	775.2734	130.4033	797.9712524
########	748.32	177.4933	771.7833	140.24	801.3938599
########	750.66	187.8367	767.7033	151.4933	797.5826416
########	749.8171	172.1057	764.7662	145.2233	797.5826416
########	750.3933	141.82	764.0667	133.4867	800.2532959
########	733.54	137.7133	761.8867	168.14	800.8497925
########	753.06	142.9867	759.8134	224.94	795.4355469
########	754.16	148.7533	767.2867	151.68	798.0407715
########	751.0734	169.7533	775.82	132.7133	798.4171143
########	749.4133	188.0133	777.8933	134.9133	798.4171143
########	748.4733	177.4867	776.5133	138.4867	794.3587646
########	747.94	155.8	773.4266	137.56	797.6225586
########	749.04	139.8733	769.4667	137.2267	799.7133789
########	750.3267	135.1	766.0734	133.1933	798.3335571
########	750.815	145.1533	763.6733	137.0067	798.3335571
########	750.8911	160.36	761.9667	146.4	796.1118774
########	748.6866	189.53	759.9567	236.46	792.1712036
########	747.9366	179.66	766.8067	142.1067	795.229126
########	747.675	158.6725	774.61	140.655	798.3168945
########	749.42	136.585	776.275	136.09	805.3796997
########	751.015	136.61	775.395	139.745	805.3796997
########	752.007	138.675	772.26	132.075	794.5897827
########	751.965	160.48	769.205	139.305	794.2618408
########	750.295	180.72	765.705	135.305	802.5556641
########	749.1588	184.0675	763.54	133.49	798.3371582
########	747.965	160.62	761.995	175.55	793.6392212
########	749.035	143.445	760.36	203.9	793.6392212
########	750.135	135.73	768.93	145.535	795.7403564
########	750.48	133.71	774.68	134.205	797.7108765
########	751.31	159.19	775.175	134.095	799.0665894
########	750.52	178.645	773.38	131.595	798.6674805
########	748.19	184.31	770.05	136.61	788.659668
########	747.62	161.775	766.76	134.21	788.659668
########	747.69	141.59	763.495	140.695	795.7601318
########	749.215	136.2525	761.12	136.28	795.9152832
########	750.48	140.585	760.495	243.95	801.0198975
########	750.4925	150.65	759.885	198.595	797.1292725
########	749.145	195.555	769.475	139.61	797.1292725

########	747.44	179.66	774.865	135.29	797.348938
########	747.12	172.745	775.82	142.675	797.348938
########	747.284	144.42	773.785	135.265	801.0435181
########	747.5983	134.4133	769.94	132.695	802.2993164
########	749.625	135.9383	766.4583	134.025	795.6500854
########	750.785	149.3367	763.8016	140.8667	795.3690796
########	749.1872	162.5267	761.945	137.0217	801.6026611
########	747.7942	180.4233	760.3225	236.4467	801.6026611
########	747.2627	181.0983	759.955	198.04	797.2020264
########	747.0566	155.315	768.665	149.2717	799.414856
########	746.785	141.5533	774.9283	138.45	798.5523071
########	749.0016	133.0733	775.885	129.0983	795.7629395
########	749.8867	143.4567	774.1583	135.125	795.1920166
########	749.3134	165.005	769.7867	139.8967	795.1920166
########	747.2867	185.93	767.1016	141.5533	795.7012329
########	746.915	174.9417	763.8583	132.415	802.1407471
########	746.915	159.955	761.555	142.7117	792.0897217
########	747.5134	142.7883	759.915	251.5417	798.729187
########	748.985	140.7533	759.165	218.4817	798.6161499
########	750.3566	137.6367	767.3116	142.4883	798.6161499
########	750.3883	172.6633	774.14	134.11	797.0084229
########	747.2867	185.2633	775.43	139.125	790.8978882
########	746.4672	179.4433	772.8442	134.9783	798.112793
########	746.4254	157.3333	769.6292	137.0133	798.6594238
########	746.8984	137.2033	766.4017	132.7411	795.8634644
########	748.3267	142.2617	763.9717	139.36	795.8634644
########	749.2967	140.3217	761.915	132.8117	802.9718628
########	750.085	164.78	760.2867	246.7567	795.031311
########	747.6866	179.6417	760.2817	190.2017	804.9381714
########	746.785	178.3883	769.9267	159.3683	800.197876
########	746.8558	158.1217	775.0016	136.925	797.5567627
########	747.2867	140.0783	774.6133	134.3633	797.5567627
########	747.885	133.4442	771.815	131.7117	797.1697388
########	750.6183	138.6567	768.3814	139.7915	800.0028687
########	750.6555	154.1317	764.9533	137.6933	802.8349609
########	747.8859	175.16	762.3767	137.39	802.350647
########	746.9581	183.7533	760.9325	137.685	804.9356079
########	746.7706	168.24	759.125	264.6133	804.9356079
########	746.6091	145.925	761.9567	170.0283	803.7338257
########	747.1767	134.5717	769.98	133.9183	800.6583862
########	748.8767	133.8717	774.7817	136.8767	799.3294067
########	748.935	152.735	775.3184	133.775	798.9292603
########	748.3716	160.7467	772.2533	142.1433	799.9078369
########	746.9825	180.6133	768.2767	137.6467	799.9078369
########	746.3817	164.3617	765.5233	137.3083	798.9713745
########	746.8884	147.7717	762.9533	137.2033	802.2682495
########	747.4094	134.595	760.865	134.925	799.2922363

########	749.0717	135.0117	758.6592	252.02	799.2922363
########	749.3284	146.5433	761.58	173.86	796.9470825
########	748.3716	176.1733	770.71	142.4817	798.1503906
########	746.7883	178.5717	775.2233	137.3433	801.4250488
########	746.6533	170.0867	775.4467	136.9817	797.2280884
########	746.6067	148.8633	772.895	130.1717	812.5524292
########	746.3817	135.6717	768.3884	135.4467	807.4592896
########	747.8642	132.8358	766.2134	135.8617	806.392334
########	748.5817	143.4417	762.93	138.07	806.392334
########	747.435	156.83	761.6743	133.5057	811.5374146
########	746.32	182.335	758.655	237.065	812.5030518
########	745.6349	172.855	764.33	156.545	814.6147461
########	746.625	151.64	772.67	137.37	813.9208984
########	746.9925	138.09	775.03	136.125	813.918457
########	746.7075	133.62	773.6349	134.63	813.918457
########	747.78	139.515	769.955	137.53	812.5089722
########	748.085	155.49	767.025	132.63	817.0120239
########	747.02	174.49	764.605	133.6175	817.0120239
########	745.885	172.91	762.5699	132.235	810.4404297
########	746.055	165.855	760.305	145.57	812.5481567
########	745.8651	145.055	756.92	249.485	814.4285889
########	746.66	133.645	764.52	147.37	813.8899536
########	747.78	138.305	773.165	142.6	814.0515747
########	747.7675	168.43	774.9475	150.48	814.0515747
########	746.8425	151.765	773.04	142.02	812.1251221
########	746.265	176.72	770.325	136.255	815.2419434
########	16.25545	9.427177	766.5825	133.9633	814.507019
########	36.83198	21.36031	763.7825	138.94	808.6733398
########	57.4085	33.29345	761.995	135.365	813.2392578
########	77.98502	45.22659	760.1691	171.3033	813.2392578
########	98.56155	57.15972	758.9916	215.7967	812.6591187
########	119.1381	69.09286	767.2183	141.7167	816.6854248
########	139.7146	81.02599	774.0183	134.0767	813.4468994
########	160.2911	92.95913	775.9483	133.1383	812.4084473
########	180.8676	104.8923	773.0383	134.8517	813.260376
########	201.4442	116.8254	769.5517	136.9117	811.4143066
########	222.0207	128.7585	766.1783	134.065	816.8950195
########	242.5972	140.6917	764.135	134.775	811.9284668
########	263.1737	152.6248	761.1172	132.265	811.1105957
########	283.7502	164.5579	759.93	200.6517	811.1105957
########	304.3268	176.4911	758.4266	203.5667	813.3781128
########	324.9033	188.4242	767.685	144.7883	813.3174438
########	345.4798	200.3573	773.6617	131.725	813.784668
########	366.0563	212.2905	775.3712	140.6617	803.9944458
########	386.6329	224.2236	772.9083	134.4308	813.7321777
########	407.2094	236.1568	769.465	132.2017	813.7321777
########	427.7859	248.0899	766.165	132.7808	808.024292

########	448.3625	260.023	763.5867	141.9383	813.1761475
########	468.939	271.9562	761.3433	143.4883	813.1761475
########	489.5155	283.8893	759.9384	220.2517	809.0215454
########	510.092	295.8224	758.1133	214.2567	809.0258789
########	530.6685	307.7556	767.01	142.03	810.0461426
########	551.2451	319.6887	773.955	139.275	808.5071411
########	571.8216	331.6219	775.3533	131.7783	812.8119507
########	592.3981	343.555	774.33	137.9783	807.4829102
########	612.9746	355.4881	770.5217	141.29	807.8953857
########	633.5511	367.4213	766.7533	136.0583	807.8953857
########	654.1277	379.3544	763.5683	133.7633	810.0325317
########	674.7042	391.2875	762.0917	134.01	814.4455566
########	695.2807	403.2206	760.17	190.0533	814.4455566
########	715.8572	415.1538	758.3234	214.7583	810.5222778
########	736.4338	427.0869	767.4483	141.5583	814.3880005
########	757.0103	439.0201	774.2017	137.1783	814.4915771
########	777.5868	450.9532	775.37	143.3367	813.7385864
########	798.1633	462.8863	773.1833	130.7217	816.8287354
########	818.7399	474.8195	770.0533	134.8533	816.8287354
########	839.3164	486.7526	766.045	136.4783	807.7111816
########	859.8929	498.6857	763.2533	136.53	807.3345947
########	880.4694	510.6189	761.4533	132.91	810.9146118
########	901.046	522.552	760.1066	263.9017	810.2961426
########	921.6225	534.4852	759.6334	193.0967	808.6010742
########	758.8417	156.1583	768.7783	139.665	808.6010742
########	763.4783	129.5067	775.2084	136.9217	810.8713379
########	767.995	128.68	775.1016	133.915	811.7147827
########	773.18	128.685	773.42	133.82	813.1930542
########	777.3875	133.215	769.425	141.48	809.5595703
########	781.84	132.68	766.67	140.38	815.319397
########	784.06	141.41	764.31	142.33	815.319397
########	786.38	136.39	762.38	134.315	805.319458
########	792.155	138.535	760.02	297.975	812.6329956
########	796.415	135.95	761.17	174.245	812.0373535
########	801.6275	139.085	769.83	135.21	811.7773438
########	806.095	145.41	774.705	133.93	800.355835
########	811.775	143.925	774.955	137.575	800.355835
########	817.055	136.885	772.32	134.5075	809.3458252
########	821.3033	133.2033	768.5133	133.2967	811.1159058
########	825.9534	135.3783	765.64	136.5267	812.9086304
########	829.7067	133.7467	762.6866	138.8467	808.8265381
########	832.17	138.2233	761.0167	139.9233	810.7438354
########	834.98	134.3033	758.7967	297.0267	810.7438354
########	836.7033	137.1267	761.0667	171.7833	809.9168701
########	838.9033	134.9267	770.75	137.92	808.1466675
########	840.375	143.1267	774.83	133.8267	808.8046265
########	840.6533	151.3867	775.16	135.1	804.6148071

########	839.78	149.4067	773.36	139.58	807.9089966
########	839.81	146.5067	769.9133	141.08	807.9089966
########	840.5067	140.8933	766.7467	133.74	808.7920532
########	843.1866	144.8933	764.2134	134.8067	806.5618896
########	843.8066	141.8133	761.6334	134.26	808.9636841
########	843.5933	144.6333	760.0533	249.8467	804.8470459
########	843.2733	138.6933	763.6467	163.0467	804.5785522
########	842.8933	143.98	772.0467	144.4933	804.5785522
########	843.5134	151.82	774.9933	142.18	808.5535278
########	843.9933	160	774.76	139.54	813.815979
########	843.08	145.9933	771.9666	130.6667	811.8634033
########	840.58	146.1	768.0267	133.8567	805.8319092
########	844.8	145.74	763.8666	142.4733	812.9127197
########	848.32	128.9333	761.7534	139.2067	811.5576782
########	844.5067	134.88	760.86	155.3467	818.4917603
########	839.9534	137.3	758.1866	225.3467	811.9909058
########	845.6067	151.82	764.6	150.4667	812.6393433
########	844.9866	146.6933	772.94	136.3133	810.9901733
########	845.7311	139.3933	775.0734	135.4	804.763855
########	845.0933	153.5133	774.2466	136.7867	807.3217773
########	845.86	147.17	771.38	133.67	809.7546387
########	845.05	141.89	768.08	136.23	808.0698853
########	844.84	141.09	764.185	132.41	811.4277954
########	844.44	147.36	762.17	135.15	813.5602417
########	846.28	142.87	760.1766	156.95	810.9960938
########	846.26	150.17	758.63	222.42	814.4637451
########	845.38	150.72	766.24	141.45	816.0700684
########	845.94	143.57	773.785	133.78	815.6390991
########	844.91	138.52	774.68	132.38	811.3681641
########	845.295	143.03	773.31	138.21	810.2950439
########	845.86	145.77	769.68	138.22	810.6286011
########	844.48	138.59	766.17	131.17	809.6352539
########	844.84	137.41	762.98	134.14	812.4095459
########	844.95	150.84	761.86	149.18	814.2605591
########	846.594	152.55	760.31	183.32	808.5477295
########	846.37	147.01	757.73	232.07	812.9136353
########	846.585	149.58	765.41	147.13	814.8468018
########	845.94	150.42	774.0699	139.98	816.5137329
########	845.7933	144.59	775.58	132.215	816.8811646
########	846.33	137.53	774.0699	132.235	814.921875
########	846.64	136.87	771.41	135.14	814.6165161
########	848.57	143.75	766.69	139.99	812.0163574
########	846.7886	137.5743	763.9	132.05	812.7380981
########	847.4233	137.2267	761.1266	132.8733	813.4195557
########	847.1511	157.88	759.5467	220.1933	813.6303711
########	848.4733	160.5667	759.04	206.94	814.4389038
########	847.4467	147.9267	767.9	137.26	808.8562622

########	847.7534	145.0822	773.5733	138.0267	816.9376831
########	846.6733	146.7033	775.1867	139.7067	814.0004883
########	848.2867	140.2733	773.06	137.52	812.0336304
########	847.4733	138.3367	770.5467	133.9	815.8010864
########	847.1866	137.6267	766.2733	132.8733	812.1298218
########	846.6367	151.0867	763.5133	142.3533	812.1298218
########	848.1467	158.84	760.6933	135.32	812.8856201
########	849.1266	159.3967	758.4867	300.24	816.6528931
########	848.4867	150.2467	760.7267	170.3333	818.711731
########	847.5867	143.08	770.1	150.8733	819.6623535
########	849.1733	133.3222	773.7333	133.2733	815.9067993
########	849.88	133.44	773.2733	132.64	811.9386597
########	849.02	137.1733	771.04	139.7067	812.7720337
########	851.7	138.58	766.6467	142.82	813.0412598
########	851.5867	173.58	764.44	138.7267	816.7281494
########	850.38	185.74	762.3867	134.6067	820.6638184
########	848.78	161.4233	761.22	139.4	818.4285278
########	850.965	139.3333	758.01	253.4067	816.3982544
########	853.32	132.06	762.28	166.18	816.0241699
########	854.32	131.76	771.22	141.22	808.7896118
########	855.96	130.9	774.9	134.62	811.4086914
########	857.84	134.42	775.18	139.6	814.2442627
########	857.78	187.32	771.72	136.08	816.6190186
########	854.86	220.5	768.1	139.92	821.6032715
########	850.25	165.4	765.14	134.59	820.0361328
########	847.98	140.16	762.76	142.58	815.3157959
########	847.44	132.06	760.28	151.78	815.3157959
########	845.76	132.89	758.36	223.24	815.3795776
########	843.36	131.28	765.48	144.14	815.5202026
########	842.88	132.08	771.86	140.26	816.3242798
########	840.26	196.8	774.3933	137.12	810.5401001
########	837.7	201.36	773.24	133.12	814.4709473
########	835.14	163.86	770.06	136.3	805.5440674
########	835.39	136.52	766.1	135.96	816.2850952
########	836.94	130.12	762.92	133.92	816.010498
########	837.02	129.36	761.46	131.26	811.8737183
########	836.94	133.06	759.62	246.64	807.7816772
########	836.42	140.42	758.5	202.9	805.6669922
########	836.46	137.14	767.76	134.56	815.0090942
########	836.18	205.82	773.92	140.34	809.6174316
########	833.28	203.62	774.92	149.38	811.7106934
########	832.86	165.32	772.96	157.12	812.0975952
########	836.39	135.7233	769.57	134.45	812.9329834
########	839.225	132.0267	765.81	136.25	811.9484253
########	841.4422	133.31	763.11	140.3567	806.3487549
########	841.5767	129.7517	761.1917	133.27	814.9785767
########	842.9966	130.9767	758.9333	258.79	820.1716309

########	845.0267	131.5733	759.6633	180.7567	814.6598511
########	843.9233	211.4467	769.4666	153.81	815.9532471
########	840.865	208.6633	773.77	137.5767	817.0340576
########	841.9767	164.9867	773.6866	139.7233	814.9140015
########	844.15	135.72	771.0933	133.68	814.9140015
########	844.55	134.3167	767.5867	141.1533	806.4527588
########	844.4033	130.315	764.1133	133.1233	809.2341919
########	843.0566	224.43	762.01	133.9833	806.8427124
########	840.2267	204.7933	759.7833	147.6	806.7799072
########	841.1033	170.4333	757.2133	236.2433	809.6158447
########	843.675	141.9933	764.4534	152.3167	807.0142822
########	843.13	134.9267	772.2667	133.9933	805.9923096
########	842.4267	132.5867	774.6133	133.535	808.3013306
########	841.2733	185.9333	773.77	138.66	809.6032715
########	839.3533	201.85	770.0133	135.4967	813.1696777
########	836.65	187.47	767.0233	138.8733	810.3416138
########	836.1911	154.7933	763.87	134.78	812.7564697
########	835.9467	137.22	761.8134	145.4467	796.3544922
########	836.0767	150.9333	760.3666	145.2567	816.102478
########	833.5734	166.9533	757.4033	225.1767	813.1881714
########	832.5267	183.1233	765.69	142.4433	807.0321655
########	831.07	182.8867	773.3066	141.2733	811.7310791
########	829.57	155.19	774.7833	138.0767	810.9484863
########	828.5267	142.07	772.67	133.1233	808.2353516
########	827.7467	153.33	769.7267	139.2667	809.7803345
########	827.07	163.8933	765.955	140.7467	813.0004883
########	825.3467	177.2933	763.0833	136.9667	808.6086426
########	824.5267	169.57	761.4133	132.0533	809.9415894
########	825.2267	154.6717	758.9266	288.8433	804.461731
########	824.2067	144.04	761.0167	175.2567	805.0493774
########	823.4266	150.43	769.07	133.22	816.1665039
########	822.6133	164.7667	774.9067	134.3733	807.5498657
########	821.4033	174.78	775.1467	142.1067	809.0036621
########	819.6067	172.7267	771.7866	145.08	807.6983643
########	818.3378	152.1133	768.32	134.5133	804.8666382
########	817.8867	144.6	765.3933	134.6483	807.2478027
########	817.1866	153.8067	762.9266	141.9933	802.9476929
########	816.12	155.6733	761.3134	138.1133	802.3995972
########	815.72	167.8133	758.9666	267.78	805.0699463
########	814.5	163.4133	761.98	164.3667	806.9064331
########	814.88	154.72	771.6	150.36	806.7803345
########	815.3133	143.2033	774.4467	131.5067	806.5454102
########	816.2534	148.78	773.8066	134.9667	807.8944092
########	816.7867	158.5	770.3933	138.2933	808.9297485
########	816.0867	172.7667	767.1266	147.9733	812.0969238
########	816.12	163.9267	764.1067	141.04	812.038208
########	816.0867	150.6133	762.44	136.7133	815.6401978

########	816.0267	141.92	761.06	178.8133	815.1759644
########	816.5645	147.3133	758.6934	217.46	809.9181519
########	816.3	152.7	765.675	146	810.4804077
########	815.2	167.975	773.475	136.625	803.2533569
########	814.7	167.575	775.45	134.425	810.0120239
########	814.6	151.875	773.025	134.275	810.0120239
########	813.7584	140.925	769.375	134.05	809.8197021
########	814.875	142.575	766.325	137.575	809.1775513
########	814.4125	142.9375	763.225	132.825	806.4313965
########	814.2958	170.6667	761.0833	140.9	771.6343384
########	812.5667	173.1333	759.0667	264.7917	814.9685059
########	811.5292	162.3833	758.5167	185.4167	795.4006958
########	811.8666	141.2083	767.425	132.4417	783.7205811
########	812.8875	134.8583	772.85	135.7667	780.8891602
########	811.8333	136.225	774.65	136.5667	779.7180176
########	811.7139	154.4667	772.5583	137.3	785.4989624
########	811.8666	179.4333	769.4417	132.4083	780.8980103
########	810.9167	176.775	765.3333	135.375	753.9277344
########	811.0667	154.775	763.275	140.2333	764.7498169
########	812.625	140.5333	761.0583	130.3917	847.5014038
########	812.5667	132.2917	759.8375	247.9	769.203186
########	812.6917	142.3417	760.2333	175.4	779.6401367
########	811.5021	167.4833	767.475	139.7417	775.0214233
########	810.3083	174.7542	772.7042	142.3417	851.3710327
########	809.6791	166.4417	772.7584	133.75	780.9390259
########	810.4292	144.8417	770.775	131.4667	774.4644165
########	810.7667	136.1333	767.9333	137.4167	790.1358643
########	811.4714	141.4071	766.1214	146.8571	788.2802734
########	812.1417	142.7333	763.0583	129.75	791.1086426
########	810.7333	165.1	761.6334	131.1125	787.9458618
########	809.575	181.875	760.95	281.3	780.7025757
########	809.6166	162.9	761.7708	193.5417	783.4321289
########	810.5375	145.4583	768.5416	139.925	790.6201172
########	811.0417	133.1083	774.0583	131.5583	790.4987793
########	812.4167	140.325	773.4166	132.1333	796.7194824
########	811.8333	154.8083	772.1333	135.65	797.0229492
########	812.2584	178.85	768.175	134.1833	789.8795776
########	812.2333	171.9417	765.0417	133.3375	793.7470093
########	812.7438	149	762.9833	135.3083	787.8479004
########	812.9667	141.8833	760.95	138.55	792.9568481
########	813.2667	133.5083	758.55	232.4417	788.7587891
########	813.3333	151.2333	760.1583	180.1583	786.5266724
########	813.0444	169.9458	768.875	134.95	786.2005005
########	810.7458	179.55	773.35	136.5667	787.8948975
########	812.625	157	774.0833	131.8583	786.0291748
########	813.4111	139.8667	772.3292	132.075	788.9268799
########	814.7333	133.475	769.4083	132.3042	786.6894531

########	814.9833	137.85	766.1583	130.3917	787.1986084
########	813.7917	154.2833	763.7167	133.725	791.9390869
########	812.8179	174.4167	762.8167	135.0667	786.170105
########	812.6036	177.46	762.2667	302.1083	790.9542236
########	813.3217	152.6917	762.9083	184.625	795.0328369
########	813.7346	139.35	769.74	138.19	797.8510132
########	814.525	132.8	773.55	131.45	797.8510132
########	815.025	146.7	773.275	133.675	791.2958374
########	815.7	168.2	771.1	137.025	788.9847412
########	814.7	172.35	767.65	132.325	789.7426147
########	813	165.45	765.15	137.65	789.374939
########	814.275	146.125	762.7	134.5	793.461731
########	815.4	135.65	761.15	135.175	791.1758423
########	815.2	136.825	759.4	253.9	776.9239502
########	814.5	155.05	761.7	174.6	786.7869263
########	812.25	169.35	769.625	139.825	792.5509644
########	810.8	178.825	773.5	145.5	793.0202637
########	809.425	154.975	774.1833	128.8375	788.5725708
########	808.95	141.975	772.725	131.2625	783.5470581
########	808.375	135	769.975	136.45	782.0234375
########	806.7875	152.575	767.175	145.55	781.8640137
########	805.45	168.5	764.425	138.9	780.0275879
########	804.35	177.85	762.55	135.175	784.9464722
########	803.875	166.325	760.975	221.425	781.8343506
########	803.8312	151.075	764.3083	165.2083	781.934021
########	804.6667	136.5583	771.3583	131.1083	782.711731
########	804.6667	154.4833	773.7416	131.3042	782.9804688
########	804.3333	151.8417	773.2667	135.2792	782.605957
########	803.6917	165.775	769.6375	142.875	780.7061768
########	803.5667	159.95	766.7333	137.9833	782.9724731
########	804.3333	145.4958	763.6417	130.6125	783.09375
########	805.2778	141.65	762.8083	133.0458	775.6126709
########	805.3666	146.4833	761.0583	146.8167	782.9675903
########	805.7667	151.5	759.1583	237.45	789.4879761
########	804.7167	161.475	762.55	157.0083	781.961792
########	805.5167	165.15	769.7083	133.375	790.9048462
########	805.3167	157.0792	773.7167	141.025	788.6411133
########	805.3167	141.15	773.6833	140.35	785.4070435
########	805.2778	135.8417	770.7667	130.075	787.0927734
########	805.025	152.7167	768.0667	131.1083	782.9891968
########	805.5167	165.7125	764.9417	139.3417	781.0263062
########	803.6917	174.4833	763.1417	138.9583	782.8005371
########	804.2083	156.85	761.7917	128.9583	778.8251953
########	804.1104	142.4583	760.775	240.2833	781.5490112
########	804.9708	138.2083	763.325	165.5667	785.086853
########	804.6667	145.3875	770.825	149.3667	786.3250732
########	803.6	157.6	773.2833	130.9917	786.6452637

########	802.2375	175.525	771.1167	131.225	791.7026978
########	801.5333	176.775	768.025	134.125	787.8968506
########	801.5333	150.0583	765.0917	135.3417	780.6152344
########	802.1063	136.9667	763.175	136.1667	789.8071289
########	801.7667	132.0917	761.5778	130.4083	789.8503418
########	801.7708	147.675	761.5833	138.3	781.3097534
########	801.4111	173.7167	760.025	213.275	781.1212769
########	800.4417	182.0583	765.6417	146.0333	781.1212769
########	800.9083	168.5167	771.95	146.325	774.3253784
########	800.9083	146.2833	773.05	143.3333	785.0911255
########	801.3666	139.025	772.9917	142.9	787.9515991
########	801.9445	133.3	769.5542	130.5167	788.2769775
########	801.9445	148.95	767.375	137.5417	787.1512451
########	801.5167	171.425	764.2333	135.2917	785.2077026
########	799.8083	177.3333	762.2833	142.175	778.8890381
########	800.5583	156.3583	761.9083	246.5417	784.0291748
########	800.2584	148.8417	761.3583	192.0917	784.9526367
########	801.4333	134.4083	767.8333	137.3333	787.9272461
########	801.0806	145.8583	772.6167	140.8417	787.9272461
########	800.7416	165.875	773.2833	128.0917	777.4943848
########	799.3667	172.125	771.825	134.775	769.0133057
########	800.425	164.25	768.475	139.925	810.7295532
########	800.025	147.825	765.25	138.175	811.8015747
########	800.45	137.15	763.425	131.225	811.470459
########	800.0125	135.525	762.075	131.25	815.5301514
########	798.925	152.75	761.05	248.125	791.6027222
########	798.2	166.95	761.775	173.175	789.6772461
########	793.725	170.125	768.75	133.925	707.3911133
########	789.8	155.075	772.9833	136	701.9449463
########	787.425	139.625	772.4667	133.775	705.2243652
########	783.825	132.05	770.675	133.725	564.7481079
########	778.7	134.275	768.425	130.6	565.4381104
########	775.1625	141.45	765.85	132.0875	567.1787109
########	770.7125	165.825	763.4	134.4083	569.3327026
########	766.775	171.425	763.075	135.4	573.4855957
########	766.3125	155.625	762.375	226.075	573.786377
########	766.175	140.3	762.975	165.35	577.3273926
########	766.225	134.05	769.525	136.875	576.8048706
########	765.575	131.325	772.4833	130.425	576.8363037
########	765.075	136.75	771.825	137.15	577.6464844
########	766.3625	130.575	769.1	130.525	580.0827637
########	767.975	139.8917	767.4417	134.2583	588.7769775
########	774.21	142.29	765.0699	131.55	588.7769775
########	780.3333	148.2333	764.3834	137.8167	789.7076416
########	784.0917	155.8083	763.3583	136.1333	793.4067993
########	788.0333	164.0917	762.4167	217.1	795.027832
########	790.6583	158.075	765.9584	152.2083	793.9636841

########	796.1292	147.6833	772.225	143.0417	796.9522705
########	798.8958	134.3667	774.45	142.3083	802.9725342
########	803.0667	133.9083	772.7916	136.2333	814.6464233
########	805.3125	134.6083	769.9042	130.7333	805.0678101
########	807.125	133.4333	766.05	135.25	804.5855713
########	807.7416	147.3833	764.3417	142.0333	810.7179565
########	807.8292	140.4167	762.1417	133.9417	807.977356
########	808.5458	207.4167	759.8917	255.3833	809.9137573
########	807.8917	163.45	759.9833	189.8167	805.5813599
########	810.2167	154.4083	766.7667	140.2	801.0623779
########	812.0167	133.875	773.3834	138.975	803.2261963
########	812.075	134.9167	773.7667	134.825	806.8548584
########	815.1917	130.2917	771.5083	132.0417	808.3306885
########	816.6266	117.84	769.6633	135.5467	803.6356812
########	816.4233	135.3133	766.9467	133.44	806.2811279
########	817.0867	180.7667	764.9467	147.6467	797.2612305
########	816.6862	208.1343	763.0267	141.6	808.0184326
########	814.66	199.87	761.36	301.5	804.4550781
########	815.57	128.54	761.93	195.4	807.6287842
########	803.51	134.12	769.36	146.32	805.3792725
########	823.4301	132.97	774.28	133.22	805.1677856
########	831.89	139.81	775.99	135.65	805.4989624
########	810.52	139.44	772.37	137.12	807.7641602
########	818.33	188.18	770.39	136.45	802.354126
########	816.56	193.15	767.43	134.05	803.2979126
########	815.87	174.81	764.65	139.69	805.1199341
########	816.96	164.34	762.47	141.38	800.1964111
########	816.67	139.25	761.79	248.56	805.3519897
########	800.2	137.49	763.825	169.69	805.7399292
########	815.12	165.59	771.63	136.23	799.7981567
########	799.715	179.98	775.71	140.17	804.854187
########	815.39	194.955	775.51	132.87	802.1645508
########	812.31	167.88	772.79	134.66	808.2932129
########	813.905	144.78	770.35	138.41	805.8781738
########	807.83	143.25	768.15	144.7	792.9448853
########	814.03	139.75	764.875	133.89	804.1306763
########	812.885	164.55	763.68	135.13	804.1306763
########	806.1867	184.5333	760.6093	236.7771	802.0898438
########	809.4866	189.1933	764.82	172.9133	797.6061401
########	803.36	168.7667	773.24	135.0467	804.2109375
########	808.7133	148.5933	776.5134	136.28	800.3724365
########	807.6934	142.6933	775.5067	136.7867	804.7532959
########	808.0934	156.6267	774.2067	138.9933	794.9116211
########	804.9333	182.4467	770.14	134.5867	805.4223022
########	803.66	184.5	767.2267	135.3933	809.1424561
########	791.7	168.3667	764.36	134.8067	818.2405396
########	803.36	152.6333	762.7511	140.9667	808.7854614

########	802.5933	157.8	760.5334	237.34	823.1316528
########	802.56	151.24	765.6467	159.34	812.9111328
########	802.6467	162.3467	772.7733	136.4933	810.6610107
########	800.9	171.4067	775.7333	137.0867	808.1209106
########	799.6533	170.4533	775.84	140.2	805.9638062
########	799.62	153.8	772.4067	133.86	803.1509399
########	802.74	148.8867	768.8	135.8	806.5982666
########	798.7	145.8467	766.9333	131.6933	800.3409424
########	797.4933	163.8467	764.8533	138.4	813.9892578
########	799.04	163.4133	762.8933	194.76	802.0223389
########	814.1	165.54	760.9533	207.46	812.7028198
########	793.97	157.56	767.5433	142.9667	813.3352661
########	798.6467	149.5533	774.8367	142.28	815.4850464
########	792.81	148.3933	775.8167	132.0233	808.8359375
########	796.3	141.4567	774.0133	130.4767	807.4359741
########	804.7567	162.4333	770.7733	134.8467	817.9110107
########	772.3467	148.6433	767.7267	138.5533	806.2793579
########	794.4534	164.6033	764.6866	138.07	810.7596436
########	793.8233	156.36	763.5267	129.6767	813.7497559
########	794.4984	153.11	761.2667	245.0767	822.8335571
########	793.05	155.4933	762.4067	185.1633	810.3837891
########	801.75	168.77	771.2933	157.7567	812.2069702
########	793.4434	166.7033	776.3267	136.5967	815.3701172
########	794.285	172.1133	774.7867	141.3267	815.1040649
########	785.4	152.1	771.4767	134.6067	817.1031494
########	793.2767	140.1067	767.6923	133.7733	829.9326782
########	795.2267	139.22	765.89	131.0867	821.6414795
########	786.0466	148.8967	762.6866	134.7667	833.7851563
########	790.6433	156.1267	762.4333	136.98	755.3717041
########	791.4767	183.3233	760.6167	243.6867	827.3981323
########	792.27	168.8367	764.02	159.25	827.9455566
########	793.1033	147.91	772.7333	134.4633	824.7062988
########	792.6266	142.7967	776.1866	143.3433	814.7113037
########	801.5267	143.5467	775.91	133.2967	812.0789795
########	797.86	138.32	772.42	133.28	823.368103
########	799.06	177.58	768.76	134.18	824.4708862
########	792.14	183.4	765.22	140.02	825.8406372
########	794.42	167.46	762.54	135.16	758.8069458
########	794.96	146.54	761.38	131.19	819.8049316
########	795.92	144.42	759.38	241.78	817.2648926
########	794.54	139.14	764.72	165.46	819.7400513
########	793.41	153	773.8	143.08	819.567688
########	793.76	162.32	777.24	135.14	816.9859619
########	781.42	183.88	775.38	137.1	821.7207031
########	792.62	165.96	772.18	136.74	811.1767578
########	764.9	146.34	768.4	136.88	819.0765991
########	812.06	146.82	765.42	135.06	819.9727783

########	792.38	137.16	763.88	137.62	816.1271362
########	794.52	160.64	761.81	149.42	823.1657715
########	792.88	155.36	758.92	217.42	810.1947021
########	791.12	185.56	765.48	153.7	817.1159058
########	791.12	167.08	772.7	134.28	810.4187012
########	791.52	158.84	775.91	143.98	802.6864624
########	796.4886	136.64	775.76	138.1337	813.5217896
########	786.705	141.2667	773.39	140.5733	819.7070923
########	786.8967	150.82	768.2533	133.0533	822.2434082
########	791.4866	174.12	765.1166	142.4933	823.8883057
########	791.7783	175.8733	762.2467	137.37	823.8883057
########	775.4467	169.3633	760.9933	155.15	823.8883057
########	792.17	154.2	759.6166	224.9433	812.1670532
########	791.5133	137.3833	766.9467	154.8367	814.2748413
########	792.2633	144.4233	772.98	136.62	811.383728
########	791.8433	163.1	775.5533	134.3933	815.1943359
########	787.67	167.0233	775.5067	135.6133	815.5063477
########	788.7533	174.86	773.62	137.4133	827.2384644
########	788.7067	165.8033	769.06	137.65	816.4129639
########	788.835	147.7867	766.39	130.9467	817.8371582
########	788.8433	139.6633	763.325	131.9133	820.817749
########	789.2317	154.0067	762.3433	167.28	816.7070923
########	788.2567	156.4333	758.9333	218.6967	826.1286621
########	788.9366	163.37	766.55	138.4433	824.0634155
########	788.7067	167.37	773.81	131.9633	829.2514038
########	787.5566	157.94	775.4467	135.6833	822.4108276
########	788.1866	148.4633	773.26	134.5567	813.1975098
########	789.2433	145.9367	769.3834	143.6633	813.777771
########	789.3367	145.6567	766.33	137.825	817.7219238
########	788.8317	160.72	763.9434	143.4267	755.6848145
########	788.96	160.78	761.5134	133.7433	817.2814941
########	787.7067	163.2867	761.04	167.8867	826.8573608
########	787.6733	151.88	758.2333	219.16	821.2786865
########	788.7466	143.02	766.2733	141.3733	820.7506104
########	787.72	141.9933	773.4467	141.24	827.2834473
########	788.3734	149.2133	774.0067	134.12	826.8748169
########	787.3267	171.4867	772.66	137.02	821.8786011
########	787.1755	165.52	769.3467	135.4533	816.296936
########	787.3467	159.2	766.4666	145.8467	822.805603
########	788.0734	146.0267	763.84	133.6733	817.9465332
########	788.81	139.8733	761.3133	136.2867	820.1305542
########	788.6489	146.9733	760.14	208.18	814.2719116
########	789.0267	154.9333	759.5734	205.1067	817.6779175
########	787.9533	171.24	768.3734	137.8467	816.8609009
########	786.7133	162.0067	773.7733	135.0733	783.9832764
########	786.6733	151.2267	773.6133	136.2933	787.8303833
########	788.98	141.78	771.9933	143.48	798.5516357

########	787.5578	141.4933	768.3667	134.52	793.1151733
########	787.72	144.42	766.2933	129.3	791.8317261
########	787.5756	169.3267	763.4867	136.42	796.4274292
########	787.0422	173.2733	761.0867	139.4733	797.4957275
########	786.8743	163.8477	760.0343	268.2171	796.2782593
########	787.23	151.27	760.25	184.3	796.805603
########	787.68	141.945	769.19	140.6	795.4734497
########	787.66	136.94	773.94	139.76	796.3294067
########	788.44	146.17	775.54	137.86	793.6578979
########	787.34	163.04	773.65	132.47	794.4834595
########	787.23	177.65	769.79	133.78	797.8027344
########	786.615	162.69	766.62	140.765	797.8027344
########	787.612	145.44	762.91	135.03	800.4992065
########	787.335	140.56	760.92	139.24	800.5612793
########	787.795	142.41	757.79	238.28	800.5612793
########	788.085	158.2	761.73	181.05	797.8356934
########	787.26	167.31	769.99	132.61	797.6842651
########	786.6233	170.27	773.845	135.43	801.2861328
########	786.885	161.7	773.09	132.83	797.9333496
########	787.62	143.98	770.64	139.03	798.2175293
########	787.264	135.95	767.32	133.57	799.3322144
########	787.064	133.01	764.11	132.83	793.0618286
########	787.26	168.5	762.08	134.95	797.7207031
########	786.79	176.61	760.495	135.5	796.5849609
########	785.53	166.54	757.66	234.33	795.6602173
########	786.44	152.16	763.84	148.68	801.6733398
########	785.88	149.62	772.44	142.4	799.9986572
########	786.815	141.3215	774.2433	139.0233	801.4680176
########	786.3134	145.6667	772.755	135.8333	799.4187012
########	785.5706	165.535	770.07	136.1883	798.7352905
########	784.1984	167.63	766.57	132.5117	796.4467773
########	784.8134	156.6567	763.34	139.8117	796.8357544
########	784.9688	149.91	761.0417	134.3967	800.065979
########	784.9867	149.6667	759.9434	155.5917	801.4196167